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SEQUENCE LISTING

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TECH CENTER 1600-2900

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KAWABE, TAKUMI

<120> COMPOSITIONS AND METHODS FOR INHIBITING G2 CELL CYCLE
ARREST AND SENSITIZING CELLS TO DNA DAMAGING AGENTS

<130> 087533/0276411

<140> 09/667,365

<141> 2000-09-21

<150> 1948

<170> PatentIn Ver. 2.1

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<210> 116

<211> 11

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<223> Description of Artificial Sequence: Synthetic peptide

<400> 116

Leu Tyr His Ser Pro Ser Glu Tyr Glu Asn Leu

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<210> 117

<211> 11

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<400> 117

Leu Tyr His Ser Pro Ser Glu Trp Glu Asn Leu

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<210> 118

<211> 11

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Leu Tyr His Ser Pro Ser Asn Pro Glu Asn Leu

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Leu Tyr His Ser Pro Ser His Tyr Glu Asn Leu
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Leu Tyr Asn Ser Pro Ser Met Phe Glu Asn Leu
1 5 10

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Leu Tyr Asn Ser Pro Ser Met Tyr Glu Asn Leu
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<400> 136

Leu Tyr Asn Ser Pro Ser Phe Tyr Glu Asn Leu
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<210> 139

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Leu Tyr Asn Ser Pro Ser Glu Pro Glu Asn Leu

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<211> 11

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 peptide

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<211> 11
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<400> 156
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<400> 157

Leu Tyr Asn Ser Pro Ser Gln Trp Glu Asn Leu
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Leu Tyr Asn Ser Pro Ser His Pro Glu Asn Leu
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<400> 159

Leu Tyr Asn Ser Pro Ser His Phe Glu Asn Leu
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Leu Tyr Asn Ser Pro Ser His Tyr Glu Asn Leu
1 5 10

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 161

Leu Tyr Asn Ser Pro Ser His Trp Glu Asn Leu
1 5 10

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<400> 162

Leu Tyr Gly Ser Pro Ser Met Pro Glu Asn Leu
1 5 10

<210> 163

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<400> 163

Leu Tyr Gly Ser Pro Ser Met Phe Glu Asn Leu
1 5 10

<210> 164

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<400> 164

Leu Tyr Gly Ser Pro Ser Met Tyr Glu Asn Leu
1 5 10

<210> 165

<211> 11

peptide

<400> 165

Leu	Tyr	Gly	Ser	Pro	Ser	Met	Trp	Glu	Asn	Leu
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<400> 166

Leu	Tyr	Gly	Ser	Pro	Ser	Phe	Pro	Glu	Asn	Leu
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<210> 167

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<400> 167

Leu	Tyr	Gly	Ser	Pro	Ser	Phe	Phe	Glu	Asn	Leu
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<210> 168

<211> 11

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<400> 168

Leu	Tyr	Gly	Ser	Pro	Ser	Phe	Tyr	Glu	Asn	Leu
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<210> 169

<211> 11

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<400> 169
 Leu Tyr Gly Ser Pro Ser Phe Trp Glu Asn Leu
 1 5 10

<210> 170
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 peptide

<400> 170
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 1 5 10

<210> 171
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<400> 171
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Leu Tyr Gly Ser Pro Ser Asp Phe Glu Asn Leu

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<211> 11

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<223> Description of Artificial Sequence: Synthetic peptide

<400> 176

Leu Tyr Gly Ser Pro Ser Asp Tyr Glu Asn Leu

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 peptide

<400> 178
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 peptide

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 peptide

<400> 180
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<400> 181

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<400> 182
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 peptide

<400> 183
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<400> 184
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 1 5 10

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<400> 185
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 1 5 10

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 186

Leu Tyr Gly Ser Pro Ser Gln Pro Glu Asn Leu
1 5 10

<210> 187

<211> 11

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<213> Artificial Sequence

<220>

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<400> 187

Leu Tyr Gly Ser Pro Ser Gln Phe Glu Asn Leu
1 5 10

<210> 188

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<400> 188

Leu Tyr Gly Ser Pro Ser Gln Tyr Glu Asn Leu
1 5 10

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<223> Description of Artificial Sequence: Synthetic peptide

<400> 189

Leu Tyr Gly Ser Pro Ser Gln Trp Glu Asn Leu
1 5 10

<220>
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 peptide

<400> 190
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 1 5 10

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<400> 191
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 1 5 10

<210> 192
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 <213> Artificial Sequence

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 peptide

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 1 5 10

<210> 193
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<400> 193
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<210> 194
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peptide

<400> 194

Leu	Tyr	Ala	Ser	Pro	Ser	Met	Pro	Glu	Asn	Leu
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<211> 11

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<400> 196

Leu	Tyr	Ala	Ser	Pro	Ser	Met	Tyr	Glu	Asn	Leu
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<210> 197

<211> 11

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<400> 197

Leu	Tyr	Ala	Ser	Pro	Ser	Met	Tyr	Glu	Asn	Leu
1				5					10	

<210> 198

<211> 11

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<213> Artificial Sequence

<400> 198

Leu Tyr Ala Ser Pro Ser Phe Pro Glu Asn Leu
1 5 10

<210> 199

<211> 11

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<213> Artificial Sequence

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<223> Description of Artificial Sequence: Synthetic
peptide

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1 5 10

<210> 200

<211> 11

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peptide

<400> 200

Leu Tyr Ala Ser Pro Ser Phe Tyr Glu Asn Leu
1 5 10

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<223> Description of Artificial Sequence: Synthetic
peptide

<400> 201

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1 5 10

<210> 202

<211> 11

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1 5 10

<210> 203
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<220>
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<400> 204
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 1 5 10

<210> 205
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 peptide

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<210> 207
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 peptide

<400> 207
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 peptide

<400> 208
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<400> 210

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 peptide

<400> 211
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 1 5 10

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 peptide

<400> 212
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 1 5 10

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 peptide

<400> 213
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 1 5 10

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 peptide

<400> 214
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 1 5 10

<213> Artificial Sequence

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<223> Description of Artificial Sequence: Synthetic peptide

<400> 215

Leu Tyr Ala Ser Pro Ser Asn Phe Glu Asn Leu
1 5 10

<210> 216

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<400> 216

Leu Tyr Ala Ser Pro Ser Asn Tyr Glu Asn Leu
1 5 10

<210> 217

<211> 11

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<400> 217

Leu Tyr Ala Ser Pro Ser Asn Trp Glu Asn Leu
1 5 10

<210> 218

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<400> 218

Leu Tyr Ala Ser Pro Ser Gln Pro Glu Asn Leu
1 5 10

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 219

Leu Tyr Ala Ser Pro Ser Gln Phe Glu Asn Leu
1 5 10

<210> 220

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<400> 220

Leu Tyr Ala Ser Pro Ser Gln Tyr Glu Asn Leu
1 5 10

<210> 221

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<400> 221

Leu Tyr Ala Ser Pro Ser Gln Trp Glu Asn Leu
1 5 10

<210> 222

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<400> 222

Leu Tyr Ala Ser Pro Ser His Pro Glu Asn Leu
1 5 10

<210> 223

<211> 11

peptide

<400> 223

Leu Tyr Ala Ser Pro Ser His Phe Glu Asn Leu
 1 5 10

<210> 224

<211> 11

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<400> 224

Leu Tyr Ala Ser Pro Ser His Tyr Glu Asn Leu
 1 5 10

<210> 225

<211> 11

<212> PRT

<213> Artificial Sequence

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<223> Description of Artificial Sequence: Synthetic peptide

<400> 225

Leu Tyr Ala Ser Pro Ser His Trp Glu Asn Leu
 1 5 10

<210> 226

<211> 11

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<400> 226

Leu Phe Arg Ser His Ser Met His Glu Asn Leu
 1 5 10

<210> 227

<211> 11

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<400> 227

Leu Phe Arg Ser Pro Ser Met Phe Glu Asn Leu
 1 5 10

<210> 228

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 peptide

<400> 228

Leu Phe Arg Ser Pro Ser Met Tyr Glu Asn Leu
 1 5 10

<210> 229

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 peptide

<400> 229

Leu Phe Arg Ser Pro Ser Met Trp Glu Asn Leu
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Leu Phe Arg Ser Pro Ser Asn Tyr Glu Asn Leu
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Leu Phe Ser Ser Pro Ser Glu Tyr Glu Asn Leu
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Leu Phe Ser Ser Pro Ser Glu Trp Glu Asn Leu
1 5 10

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Leu Phe Ser Ser Pro Ser Asn Trp Glu Asn Leu
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Leu Phe Ser Ser Pro Ser Gln Trp Glu Asn Leu
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 peptide

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Leu Phe Ser Ser Pro Ser His Pro Glu Asn Leu
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 peptide

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Leu Phe Ser Ser Pro Ser His Phe Glu Asn Leu
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Leu Phe Thr Ser Pro Ser Met Tyr Glu Asn Leu

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Leu Phe Thr Ser Pro Ser Glu Pro Glu Asn Leu
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Leu Phe Thr Ser Pro Ser Glu Tyr Glu Asn Leu
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<210> 309

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Leu Phe Thr Ser Pro Ser Glu Trp Glu Asn Leu
1 5 10

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peptide

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Leu	Phe	Thr	Ser	Pro	Ser	Asn	Tyr	Glu	Asn	Leu
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 peptide

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Leu Phe His Ser Pro Ser Tyr Phe Glu Asn Leu
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Leu Phe His Ser Pro Ser Tyr Trp Glu Asn Leu
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<400> 334

Leu Phe His Ser Pro Ser Asp Pro Glu Asn Leu
1 5 10

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<400> 335

Leu Phe His Ser Pro Ser Asp Phe Glu Asn Leu
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Leu Phe His Ser Pro Ser Asp Tyr Glu Asn Leu
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Leu Phe His Ser Pro Ser Asp Trp Glu Asn Leu
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Leu Phe His Ser Pro Ser Glu Pro Glu Asn Leu
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peptide

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<210> 343

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Phe Tyr Arg Ser Pro Ser Tyr Phe Glu Asn Leu
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<211> 11

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Phe Tyr Arg Ser Pro Ser Tyr Tyr Glu Asn Leu
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1 5 10

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Phe Tyr Arg Ser Pro Ser His Phe Glu Asn Leu
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Phe Tyr Arg Ser Pro Ser His Tyr Glu Asn Leu
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Phe Tyr Ser Ser Pro Ser Met Pro Glu Asn Leu
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Phe Tyr Ser Ser Pro Ser Met Phe Glu Asn Leu
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peptide

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Phe	Tyr	Ser	Ser	Pro	Ser	Met	Tyr	Glu	Asn	Leu
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Phe Tyr Ser Ser Pro Ser Asn Trp Glu Asn Leu
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Phe Tyr Ser Ser Pro Ser Gln Trp Glu Asn Leu
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<220>

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Phe Tyr Thr Ser Pro Ser Asn Pro Glu Asn Leu
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Phe Tyr Thr Ser Pro Ser Gln Pro Glu Asn Leu
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Phe Tyr Thr Ser Pro Ser His Pro Glu Asn Leu
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<400> 545

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Phe Tyr His Ser Pro Ser Met Pro Glu Asn Leu
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peptide

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1 5 10

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peptide

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1 5 10

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Phe Tyr His Ser Pro Ser Glu Phe Glu Asn Leu
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Phe Tyr His Ser Pro Ser Glu Trp Glu Asn Leu
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Phe Tyr His Ser Pro Ser Asn Pro Glu Asn Leu
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Phe Tyr His Ser Pro Ser Asn Phe Glu Asn Leu
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Phe Tyr His Ser Pro Ser Asn Tyr Glu Asn Leu
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Phe Tyr His Ser Pro Ser Gln Pro Glu Asn Leu
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peptide

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Phe	Tyr	His	Ser	Pro	Ser	Gln	Tyr	Glu	Asn	Leu
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Phe	Tyr	His	Ser	Pro	Ser	Gln	Trp	Glu	Asn	Leu
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Phe	Tyr	His	Ser	Pro	Ser	His	Pro	Glu	Asn	Leu
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<210> 575

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Phe	Tyr	His	Ser	Pro	Ser	His	Phe	Glu	Asn	Leu
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Phe	Tyr	His	Ser	Pro	Ser	His	Tyr	Glu	Asn	Leu
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Phe	Tyr	His	Ser	Pro	Ser	His	Trp	Glu	Asn	Leu
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<211> 11

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Phe	Tyr	Asn	Ser	Pro	Ser	Met	Pro	Glu	Asn	Leu
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<210> 579

<211> 11

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1 5 10

<210> 580
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 1 5 10

<210> 581
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<210> 582
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 Phe Tyr Asn Ser Pro Ser Phe Pro Glu Asn Leu
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<210> 585
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<210> 586
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 peptide

<400> 588
 Phe Tyr Asn Ser Pro Ser Tyr Tyr Glu Asn Leu
 1 5 10

<210> 589
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<210> 590
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 1 5 10

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Phe Tyr Asn Ser Pro Ser Asp Tyr Glu Asn Leu
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<210> 594

<211> 11

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<213> Artificial Sequence

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<211> 11

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<400> 595

Phe Tyr Asn Ser Pro Ser Glu Phe Glu Asn Leu
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Phe Tyr Asn Ser Pro Ser Glu Tyr Glu Asn Leu
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<210> 597

<211> 11

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<211> 11

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<213> Artificial Sequence

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Phe Tyr Asn Ser Pro Ser Asn Phe Glu Asn Leu
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<210> 600

<211> 11

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peptide

<400> 600

Phe Tyr Asn Ser Pro Ser Asn Tyr Glu Asn Leu
1 5 10

<210> 601

< 211 > 11

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Fhe Tyr Asn Ser Pro Ser Asn Trp Glu Asn Leu
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<210> 602

<211> 11

<212> PRT

<213> Artificial Sequence

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Phe Tyr Asn Ser Pro Ser Gln Pro Glu Asn Leu
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<210> 603

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Phe Tyr Asn Ser Pro Ser Gln Tyr Glu Asn Leu
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<210> 605

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Phe Tyr Asn Ser Pro Ser Gln Trp Glu Asn Leu
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<210> 606

<211> 11

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<213> Artificial Sequence

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<400> 606

Phe Tyr Asn Ser Pro Ser His Pro Glu Asn Leu
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<400> 607

Phe Tyr Asn Ser Pro Ser His Phe Glu Asn Leu
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<211> 11

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<210> 609

<211> 11

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<210> 610

<211> 11

<212> PRT

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<223> Description of Artificial Sequence: Synthetic peptide

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Phe Tyr Gly Ser Pro Ser Met Pro Glu Asn Leu

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<210> 611

<211> 11

<212> PRT

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<223> Description of Artificial Sequence: Synthetic peptide

<400> 611

Phe Tyr Gly Ser Pro Ser Met Phe Glu Asn Leu

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<211> 11

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peptide

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1 5 10

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peptide

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1 5 10

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peptide

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<400> 616

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 peptide

<400> 617
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<210> 618
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<400> 618
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 1 5 10

<210> 619
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<400> 619
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<210> 620
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<400> 620
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<400> 621

Phe Tyr Gly Ser Pro Ser Tyr Trp Glu Asn Leu
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<400> 622

Phe Tyr Gly Ser Pro Ser Asp Pro Glu Asn Leu
1 5 10

<210> 623

<211> 11

<212> PRT

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<223> Description of Artificial Sequence: Synthetic peptide

<400> 623

Phe Tyr Gly Ser Pro Ser Asp Phe Glu Asn Leu
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<210> 624

<211> 11

<212> PRT

<213> Artificial Sequence

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<400> 624

Phe Tyr Gly Ser Pro Ser Asp Tyr Glu Asn Leu
1 5 10

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 625

Phe Tyr Gly Ser Pro Ser Asp Trp Glu Asn Leu
1 5 10

<210> 626

<211> 11

<212> PRT

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<220>

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<400> 626

Phe Tyr Gly Ser Pro Ser Glu Pro Glu Asn Leu
1 5 10

<210> 627

<211> 11

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<223> Description of Artificial Sequence: Synthetic peptide

<400> 627

Phe Tyr Gly Ser Pro Ser Glu Phe Glu Asn Leu
1 5 10

<210> 628

<211> 11

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<400> 628

Phe Tyr Gly Ser Pro Ser Glu Tyr Glu Asn Leu
1 5 10

<210> 629

<211> 11

peptide

<400> 629

Phe	Tyr	Gly	Ser	Pro	Ser	Glu	Trp	Glu	Asn	Leu
1				5					10	

<210> 630

<211> 11

<212> PRT

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<400> 630

Phe	Tyr	Gly	Ser	Pro	Ser	Asn	Pro	Glu	Asn	Leu
1				5					10	

<210> 631

<211> 11

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<223> Description of Artificial Sequence: Synthetic peptide

<400> 631

Phe	Tyr	Gly	Ser	Pro	Ser	Asn	Phe	Glu	Asn	Leu
1				5					10	

<210> 632

<211> 11

<212> PRT

<213> Artificial Sequence

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<400> 632

Phe	Tyr	Gly	Ser	Pro	Ser	Asn	Tyr	Glu	Asn	Leu
1				5					10	

<210> 633

<211> 11

<212> PRT

<213> Artificial Sequence

<400> 633

Phe Tyr Gly Ser Pro Ser Asn Trp Glu Asn Leu
 1 5 10

<210> 634

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
 peptide

<400> 634

Phe Tyr Gly Ser Pro Ser Gln Pro Glu Asn Leu
 1 5 10

<210> 635

<211> 11

<212> PRT

<213> Artificial Sequence

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 peptide

<400> 635

Phe Tyr Gly Ser Pro Ser Gln Phe Glu Asn Leu
 1 5 10

<210> 636

<211> 11

<212> PRT

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<223> Description of Artificial Sequence: Synthetic
 peptide

<400> 636

Phe Tyr Gly Ser Pro Ser Gln Tyr Glu Asn Leu
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<210> 637

<211> 11

<212> PRT

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10

<210> 638

<211> 11

<212> PRT

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<223> Description of Artificial Sequence: Synthetic
peptide

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Phe Tyr Gly Ser Pro Ser His Pro Glu Asn Leu

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<210> 639

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
peptide

<400> 639

Phe Tyr Gly Ser Pro Ser His Phe Glu Asn Leu

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10

<210> 640

<211> 11

<212> PRT

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<220>

<223> Description of Artificial Sequence: Synthetic
peptide

<400> 640

Phe Tyr Gly Ser Pro Ser His Tyr Glu Asn Leu

1

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<210> 641

<211> 11

<212> PRT

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<220>

<223> Description of Artificial Sequence: Synthetic
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<210> 642
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 peptide

<400> 642
 Phe Tyr Ala Ser Pro Ser Met Pro Glu Asn Leu
 1 5 10

<210> 643
 <211> 11
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<220>
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 peptide

<400> 643
 Phe Tyr Ala Ser Pro Ser Met Phe Glu Asn Leu
 1 5 10

<210> 644
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<220>
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 peptide

<400> 644
 Phe Tyr Ala Ser Pro Ser Met Tyr Glu Asn Leu
 1 5 10

<210> 645
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 peptide

<400> 645

<211> 11
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<400> 646

Phe Tyr Ala Ser Pro Ser Phe Pro Glu Asn Leu
 1 5 10

<210> 647

<211> 11
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<223> Description of Artificial Sequence: Synthetic peptide

<400> 647

Phe Tyr Ala Ser Pro Ser Phe Phe Glu Asn Leu
 1 5 10

<210> 648

<211> 11
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<223> Description of Artificial Sequence: Synthetic peptide

<400> 648

Phe Tyr Ala Ser Pro Ser Phe Tyr Glu Asn Leu
 1 5 10

<210> 649

<211> 11
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<223> Description of Artificial Sequence: Synthetic peptide

<400> 649

Phe Tyr Ala Ser Pro Ser Phe Tyr Glu Asn Leu
 1 5 10

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 650

Phe Tyr Ala Ser Pro Ser Tyr Pro Glu Asn Leu
1 5 10

<210> 651

<211> 11

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<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 651

Phe Tyr Ala Ser Pro Ser Tyr Phe Glu Asn Leu
1 5 10

<210> 652

<211> 11

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<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 652

Phe Tyr Ala Ser Pro Ser Tyr Tyr Glu Asn Leu
1 5 10

<210> 653

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 653

Phe Tyr Ala Ser Pro Ser Tyr Trp Glu Asn Leu
1 5 10

<220>
 <223> Description of Artificial Sequence: Synthetic
 peptide

<400> 654
 Phe Tyr Ala Ser Pro Ser Asp Pro Glu Asn Leu
 1 5 10

<210> 655
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<220>
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 peptide

<400> 655
 Phe Tyr Ala Ser Pro Ser Asp Phe Glu Asn Leu
 1 5 10

<210> 656
 <211> 11
 <212> PRT
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<220>
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 peptide

<400> 656
 Phe Tyr Ala Ser Pro Ser Asp Tyr Glu Asn Leu
 1 5 10

<210> 657
 <211> 11
 <212> PRT
 <213> Artificial Sequence

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 peptide

<400> 657
 Phe Tyr Ala Ser Pro Ser Asp Trp Glu Asn Leu
 1 5 10

<210> 658
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peptide

<400> 658

Phe Tyr Ala Ser Pro Ser Glu Pro Glu Asn Leu
 1 5 10

<210> 659

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
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<400> 659

Phe Tyr Ala Ser Pro Ser Glu Phe Glu Asn Leu
 1 5 10

<210> 660

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
 peptide

<400> 660

Phe Tyr Ala Ser Pro Ser Glu Tyr Glu Asn Leu
 1 5 10

<210> 661

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

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 peptide

<400> 661

Phe Tyr Ala Ser Pro Ser Glu Trp Glu Asn Leu
 1 5 10

<210> 662

<211> 11

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<213> Artificial Sequence

<400> 562
 Phe Tyr Ala Ser Pro Ser Asn Pro Glu Asn Leu
 1 5 10

<210> 563
 <211> 11
 <212> PRT
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<220>
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 peptide

<400> 563
 Phe Tyr Ala Ser Pro Ser Asn Phe Glu Asn Leu
 1 5 10

<210> 564
 <211> 11
 <212> PRT
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 peptide

<400> 564
 Phe Tyr Ala Ser Pro Ser Asn Tyr Glu Asn Leu
 1 5 10

<210> 565
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 peptide

<400> 565
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 1 5 10

<210> 566
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 peptide

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<210> 667

<211> 11

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<400> 667

Phe Tyr Ala Ser Pro Ser Gln Phe Glu Asn Leu

1

5

10

<210> 668

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 668

Phe Tyr Ala Ser Pro Ser Gln Tyr Glu Asn Leu

1

5

10

<210> 669

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 669

Phe Tyr Ala Ser Pro Ser Gln Trp Glu Asn Leu

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5

10

<210> 670

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<210> 671
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<220>
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 peptide

<400> 671
 Phe Tyr Ala Ser Pro Ser His Phe Glu Asn Leu
 1 5 10

<210> 672
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 <212> PRT
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<220>
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 peptide

<400> 672
 Phe Tyr Ala Ser Pro Ser His Tyr Glu Asn Leu
 1 5 10

<210> 673
 <211> 11
 <212> PRT
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<220>
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 peptide

<400> 673
 Phe Tyr Ala Ser Pro Ser His Trp Glu Asn Leu
 1 5 10

<210> 674
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<220>
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 peptide

<400> 674

<211> 11
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<220>

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<400> 675

Phe Phe Arg Ser Pro Ser Met Phe Glu Asn Leu
 1 5 10

<210> 676

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 676

Phe Phe Arg Ser Pro Ser Met Tyr Glu Asn Leu
 1 5 10

<210> 677

<211> 11

<212> PRT

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<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 677

Phe Phe Arg Ser Pro Ser Met Trp Glu Asn Leu
 1 5 10

<210> 678

<211> 11

<212> PRT

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<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 678

Phe Phe Arg Ser Pro Ser Phe Pro Glu Asn Leu
 1 5 10

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 679

Phe Phe Arg Ser Pro Ser Phe Phe Glu Asn Leu
1 5 10

<210> 680

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 680

Phe Phe Arg Ser Pro Ser Phe Tyr Glu Asn Leu
1 5 10

<210> 681

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 681

Phe Phe Arg Ser Pro Ser Phe Trp Glu Asn Leu
1 5 10

<210> 682

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 682

Phe Phe Arg Ser Pro Ser Tyr Pro Glu Asn Leu
1 5 10

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 683

Phe Phe Arg Ser Pro Ser Tyr Phe Glu Asn Leu
1 5 10

<210> 684

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 684

Phe Phe Arg Ser Pro Ser Tyr Tyr Glu Asn Leu
1 5 10

<210> 685

<211> 11

<212> PRT

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<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 685

Phe Phe Arg Ser Pro Ser Tyr Trp Glu Asn Leu
1 5 10

<210> 686

<211> 11

<212> PRT

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<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 686

Phe Phe Arg Ser Pro Ser Asp Pro Glu Asn Leu
1 5 10

<210> 687

<211> 11

<212> PRT

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peptide

<400> 687

Phe	Phe	Arg	Ser	Pro	Ser	Asp	Phe	Glu	Asn	Leu
1				5					10	

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<211> 11

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<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 688

Phe	Phe	Arg	Ser	Pro	Ser	Asp	Tyr	Glu	Asn	Leu
1				5					10	

<210> 689

<211> 11

<212> PPT

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<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 689

Phe	Phe	Arg	Ser	Pro	Ser	Asp	Trp	Glu	Asn	Leu
1				5					10	

<210> 690

<211> 11

<212> PPT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 690

Phe	Phe	Arg	Ser	Pro	Ser	Glu	Pro	Glu	Asn	Leu
1				5					10	

<210> 691

<211> 11

<212> PPT

<213> Artificial Sequence

<400> 691

Phe Phe Arg Ser Pro Ser Glu Phe Glu Asn Leu
 1 5 10

<210> 692

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
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Phe Phe Arg Ser Pro Ser Glu Tyr Glu Asn Leu
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<210> 693

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
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Phe Phe Arg Ser Pro Ser Glu Trp Glu Asn Leu
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<210> 694

<211> 11

<212> PRT

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Phe Phe Arg Ser Pro Ser Asn Pro Glu Asn Leu
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<210> 695

<211> 11

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1 5 10

<210> 696
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<220>
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Phe Phe Arg Ser Pro Ser Asn Tyr Glu Asn Leu
1 5 10

<210> 697
<211> 11
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<220>
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<400> 697
Phe Phe Arg Ser Pro Ser Asn Trp Glu Asn Leu
1 5 10

<210> 698
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peptide

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Phe Phe Arg Ser Pro Ser Gln Pro Glu Asn Leu
1 5 10

<210> 699
<211> 11
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<220>
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peptide

<210> 700
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<220>
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peptide

<400> 700
Phe Phe Arg Ser Pro Ser Gln Tyr Glu Asn Leu
1 5 10

<210> 701
<211> 11
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<220>
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peptide

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Phe Phe Arg Ser Pro Ser Gln Trp Glu Asn Leu
1 5 10

<210> 702
<211> 11
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peptide

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Phe Phe Arg Ser Pro Ser His Pro Glu Asn Leu
1 5 10

<210> 703
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peptide

<400> 703
Phe Phe Arg Ser Pro Ser His Pro Glu Asn Leu

<211> 11
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<220>
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 1 5 10

<210> 705
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 1 5 10

<210> 706
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 peptide

<400> 706
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 1 5 10

<210> 707
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<400> 707
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 1 5 10

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 708

Phe Phe Ser Ser Pro Ser Met Tyr Glu Asn Leu
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<210> 709

<211> 11

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<223> Description of Artificial Sequence: Synthetic peptide

<400> 709

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<210> 710

<211> 11

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<400> 710

Phe Phe Ser Ser Pro Ser Phe Pro Glu Asn Leu
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<210> 711

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<400> 711

Phe Phe Ser Ser Pro Ser Phe Phe Glu Asn Leu
1 5 10

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 712

Phe Phe Ser Ser Pro Ser Phe Tyr Glu Asn Leu
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<210> 713

<211> 11

<212> PRT

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<400> 713

Phe Phe Ser Ser Pro Ser Phe Trp Glu Asn Leu
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<210> 714

<211> 11

<212> PRT

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<400> 714

Phe Phe Ser Ser Pro Ser Tyr Pro Glu Asn Leu
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<210> 715

<211> 11

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<400> 715

Phe Phe Ser Ser Pro Ser Tyr Phe Glu Asn Leu
1 5 10

<210> 716

<211> 11

peptide

<400> 716

Phe	Phe	Ser	Ser	Pro	Ser	Tyr	Tyr	Glu	Asn	Leu
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<210> 717

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<400> 717

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1				5						10

<210> 718

<211> 11

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<400> 718

Phe	Phe	Ser	Ser	Pro	Ser	Asp	Pro	Glu	Asn	Leu
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<210> 719

<211> 11

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<213> Artificial Sequence

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<400> 719

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1				5						10

<210> 720

<211> 11

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<213> Artificial Sequence

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Phe Phe Ser Ser Pro Ser Asp Tyr Glu Asn Leu
 1 5 10

<210> 721

<211> 11

<212> PRT

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<223> Description of Artificial Sequence: Synthetic peptide

<400> 721

Phe Phe Ser Ser Pro Ser Asp Trp Glu Asn Leu
 1 5 10

<210> 722

<211> 11

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<213> Artificial Sequence

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<400> 722

Phe Phe Ser Ser Pro Ser Glu Pro Glu Asn Leu
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<210> 723

<211> 11

<212> PRT

<213> Artificial Sequence

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<400> 723

Phe Phe Ser Ser Pro Ser Glu Phe Glu Asn Leu
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<211> 11

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<210> 725

<211> 11

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peptide

<400> 725

Phe Phe Ser Ser Pro Ser Glu Trp Glu Asn Leu

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<210> 726

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
peptide

<400> 726

Phe Phe Ser Ser Pro Ser Asn Pro Glu Asn Leu

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<210> 727

<211> 11

<212> PRT

<213> Artificial Sequence

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peptide

<400> 727

Phe Phe Ser Ser Pro Ser Asn Phe Glu Asn Leu

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<210> 728

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peptide

<210> 729
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 peptide

<400> 729
 Phe Phe Ser Ser Pro Ser Asn Trp Glu Asn Leu
 1 5 10

<210> 730
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 peptide

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 1 5 10

<210> 731
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 peptide

<400> 731
 Phe Phe Ser Ser Pro Ser Gln Phe Glu Asn Leu
 1 5 10

<210> 732
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<400> 732

<211> 11
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<220>
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 peptide

<400> 733
 Phe Phe Ser Ser Pro Ser Gln Trp Glu Asn Leu
 1 5 10

<210> 734
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<220>
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 peptide

<400> 734
 Phe Phe Ser Ser Pro Ser His Pro Glu Asn Leu
 1 5 10

<210> 735
 <211> 11
 <212> PRT
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<220>
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 peptide

<400> 735
 Phe Phe Ser Ser Pro Ser His Phe Glu Asn Leu
 1 5 10

<210> 736
 <211> 11
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<220>
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 peptide

<400> 736
 Phe Phe Ser Ser Pro Ser His Tyr Glu Asn Leu
 1 5 10

<213> Artificial Sequence

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<223> Description of Artificial Sequence: Synthetic peptide

<400> 737

Phe Phe Ser Ser Pro Ser His Trp Glu Asn Leu
1 5 10

<210> 738

<211> 11

<212> PRT

<213> Artificial Sequence

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<223> Description of Artificial Sequence: Synthetic peptide

<400> 738

Phe Phe Thr Ser Pro Ser Met Pro Glu Asn Leu
1 5 10

<210> 739

<211> 11

<212> PRT

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<223> Description of Artificial Sequence: Synthetic peptide

<400> 739

Phe Phe Thr Ser Pro Ser Met Phe Glu Asn Leu
1 5 10

<210> 740

<211> 11

<212> PRT

<213> Artificial Sequence

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<223> Description of Artificial Sequence: Synthetic peptide

<400> 740

Phe Phe Thr Ser Pro Ser Met Tyr Glu Asn Leu
1 5 10

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 741

Phe Phe Thr Ser Pro Ser Met Trp Glu Asn Leu
1 5 10

<210> 742

<211> 11

<212> PRT

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<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 742

Phe Phe Thr Ser Pro Ser Phe Pro Glu Asn Leu
1 5 10

<210> 743

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 743

Phe Phe Thr Ser Pro Ser Phe Phe Glu Asn Leu
1 5 10

<210> 744

<211> 11

<212> PRT

<213> Artificial Sequence

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<223> Description of Artificial Sequence: Synthetic peptide

<400> 744

Phe Phe Thr Ser Pro Ser Phe Tyr Glu Asn Leu
1 5 10

<210> 745

<211> 11

peptide

<400> 745

Phe	Phe	Thr	Ser	Pro	Ser	Phe	Trp	Glu	Asn	Leu
1				5					10	

<210> 746

<211> 11

<212> PRT

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<400> 746

Phe	Phe	Thr	Ser	Pro	Ser	Tyr	Pro	Glu	Asn	Leu
1				5					10	

<210> 747

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 747

Phe	Phe	Thr	Ser	Pro	Ser	Tyr	Phe	Glu	Asn	Leu
1				5					10	

<210> 748

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 748

Phe	Phe	Thr	Ser	Pro	Ser	Tyr	Tyr	Glu	Asn	Leu
1				5					10	

<210> 749

<211> 11

<212> PRT

<213> Artificial Sequence

<400> 749

Phe	Phe	Thr	Ser	Pro	Ser	Tyr	Trp	Glu	Asn	Leu
1				5					10	

<210> 750

<211> 11

<212> PRT

<213> Artificial Sequence

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<223> Description of Artificial Sequence: Synthetic peptide

<400> 750

Phe	Phe	Thr	Ser	Pro	Ser	Asp	Pro	Glu	Asn	Leu
1				5					10	

<210> 751

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 751

Phe	Phe	Thr	Ser	Pro	Ser	Asp	Phe	Glu	Asn	Leu
1				5					10	

<210> 752

<211> 11

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<400> 752

Phe	Phe	Thr	Ser	Pro	Ser	Asp	Tyr	Glu	Asn	Leu
1				5					10	

<210> 753

<211> 11

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1

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<210> 754

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<223> Description of Artificial Sequence: Synthetic
peptide

<400> 754

Phe Phe Thr Ser Pro Ser Glu Pro Glu Asn Leu

1

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10

<210> 755

<211> 11

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<220>

<223> Description of Artificial Sequence: Synthetic
peptide

<400> 755

Phe Phe Thr Ser Pro Ser Glu Phe Glu Asn Leu

1

5

10

<210> 756

<211> 11

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peptide

<400> 756

Phe Phe Thr Ser Pro Ser Glu Tyr Glu Asn Leu

1

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<210> 757

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peptide

<210> 758
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 peptide

<400> 758
 Phe Phe Thr Ser Pro Ser Asn Pro Glu Asn Leu
 1 5 10

<210> 759
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 peptide

<400> 759
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 1 5 10

<210> 760
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<220>
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 peptide

<400> 760
 Phe Phe Thr Ser Pro Ser Asn Tyr Glu Asn Leu
 1 5 10

<210> 761
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 peptide

<400> 761

<211> 11
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 peptide

<400> 762
 Phe Phe Thr Ser Pro Ser Gln Pro Glu Asn Leu
 1 5 10

<210> 763
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<220>
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 peptide

<400> 763
 Phe Phe Thr Ser Pro Ser Gln Phe Glu Asn Leu
 1 5 10

<210> 764
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<220>
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 peptide

<400> 764
 Phe Phe Thr Ser Pro Ser Gln Tyr Glu Asn Leu
 1 5 10

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 peptide

<400> 765
 Phe Phe Thr Ser Pro Ser Gln Trp Glu Asn Leu
 1 5 10

<213> Artificial Sequence

<220>

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<400> 766

Phe Phe Thr Ser Pro Ser His Pro Glu Asn Leu
1 5 10

<210> 767

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

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<400> 767

Phe Phe Thr Ser Pro Ser His Phe Glu Asn Leu
1 5 10

<210> 768

<211> 11

<212> PRT

<213> Artificial Sequence

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<400> 768

Phe Phe Thr Ser Pro Ser His Tyr Glu Asn Leu
1 5 10

<210> 769

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 769

Phe Phe Thr Ser Pro Ser His Trp Glu Asn Leu
1 5 10

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 770

Phe Phe His Ser Pro Ser Met Pro Glu Asn Leu
1 5 10

<210> 771

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

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<400> 771

Phe Phe His Ser Pro Ser Met Phe Glu Asn Leu
1 5 10

<210> 772

<211> 11

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<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 772

Phe Phe His Ser Pro Ser Met Tyr Glu Asn Leu
1 5 10

<210> 773

<211> 11

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<400> 773

Phe Phe His Ser Pro Ser Met Trp Glu Asn Leu
1 5 10

<210> 774

<211> 11

peptide

<400> 774

Phe	Phe	His	Ser	Pro	Ser	Phe	Pro	Glu	Asn	Leu
1					5				10	

<210> 775

<211> 11

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<400> 775

Phe	Phe	His	Ser	Pro	Ser	Phe	Phe	Glu	Asn	Leu
1					5				10	

<210> 776

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 776

Phe	Phe	His	Ser	Pro	Ser	Phe	Tyr	Glu	Asn	Leu
1					5				10	

<210> 777

<211> 11

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<400> 777

Phe	Phe	His	Ser	Pro	Ser	Phe	Trp	Glu	Asn	Leu
1					5				10	

<210> 778

<211> 11

<212> PRT

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<400> 778

Phe	Phe	His	Ser	Pro	Ser	Tyr	Pro	Glu	Asn	Leu
1				5					10	

<210> 779

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

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<400> 779

Phe	Phe	His	Ser	Pro	Ser	Tyr	Phe	Glu	Asn	Leu
1				5					10	

<210> 780

<211> 11

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<400> 780

Phe	Phe	His	Ser	Pro	Ser	Tyr	Tyr	Glu	Asn	Leu
1				5					10	

<210> 781

<211> 11

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<220>

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<400> 781

Phe	Phe	His	Ser	Pro	Ser	Tyr	Trp	Glu	Asn	Leu
1				5					10	

<210> 782

<211> 11

<212> PRT

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5

10

<210> 783

<211> 11

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<223> Description of Artificial Sequence: Synthetic peptide

<400> 783

Phe Phe His Ser Pro Ser Asp Phe Glu Asn Leu

1

5

10

<210> 784

<211> 11

<212> PRT

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<400> 784

Phe Phe His Ser Pro Ser Asp Tyr Glu Asn Leu

1

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<210> 785

<211> 11

<212> PRT

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<223> Description of Artificial Sequence: Synthetic peptide

<400> 785

Phe Phe His Ser Pro Ser Asp Trp Glu Asn Leu

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<210> 786

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<210> 787
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 peptide

<400> 787
 Phe Phe His Ser Pro Ser Glu Phe Glu Asn Leu
 1 5 10

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<220>
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 peptide

<400> 788
 Phe Phe His Ser Pro Ser Glu Tyr Glu Asn Leu
 1 5 10

<210> 789
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<220>
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 peptide

<400> 789
 Phe Phe His Ser Pro Ser Glu Trp Glu Asn Leu
 1 5 10

<210> 790
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<400> 790

<211> 11
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 peptide

<400> 791
 Phe Phe His Ser Pro Ser Asn Phe Glu Asn Leu
 1 5 10

<210> 792
 <211> 11
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 peptide

<400> 792
 Phe Phe His Ser Pro Ser Asn Tyr Glu Asn Leu
 1 5 10

<210> 793
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 peptide

<400> 793
 Phe Phe His Ser Pro Ser Asn Trp Glu Asn Leu
 1 5 10

<210> 794
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<400> 794
 Phe Phe His Ser Pro Ser Gln Pro Glu Asn Leu
 1 5 10

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 795

Phe Phe His Ser Pro Ser Gln Phe Glu Asn Leu
1 5 10

<210> 796

<211> 11

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<400> 796

Phe Phe His Ser Pro Ser Gln Tyr Glu Asn Leu
1 5 10

<210> 797

<211> 11

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<220>

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<400> 797

Phe Phe His Ser Pro Ser Gln Trp Glu Asn Leu
1 5 10

<210> 798

<211> 11

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<400> 798

Phe Phe His Ser Pro Ser His Pro Glu Asn Leu
1 5 10

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 799

Phe Phe His Ser Pro Ser His Phe Glu Asn Leu
1 5 10

<210> 800

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 800

Phe Phe His Ser Pro Ser His Tyr Glu Asn Leu
1 5 10

<210> 801

<211> 11

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<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 801

Phe Phe His Ser Pro Ser His Trp Glu Asn Leu
1 5 10

<210> 802

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 802

Phe Phe Asn Ser Pro Ser Met Pro Glu Asn Leu
1 5 10

<210> 803

<211> 11

<212> PRT

<213> Artificial Sequence

peptide

<400> 803

Phe	Phe	Asn	Ser	Pro	Ser	Met	Phe	Glu	Asn	Leu
1				5					10	

<210> 804

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 804

Phe	Phe	Asn	Ser	Pro	Ser	Met	Tyr	Glu	Asn	Leu
1				5					10	

<210> 805

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 805

Phe	Phe	Asn	Ser	Pro	Ser	Met	Trp	Glu	Asn	Leu
1				5					10	

<210> 806

<211> 11

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<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 806

Phe	Phe	Asn	Ser	Pro	Ser	Phe	Pro	Glu	Asn	Leu
1				5					10	

<210> 807

<211> 11

<212> PRT

<213> Artificial Sequence

<400> 807

Phe Phe Asn Ser Pro Ser Phe Phe Glu Asn Leu
 1 5 10

<210> 808

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 808

Phe Phe Asn Ser Pro Ser Phe Tyr Glu Asn Leu
 1 5 10

<210> 809

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 809

Phe Phe Asn Ser Pro Ser Phe Trp Glu Asn Leu
 1 5 10

<210> 810

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 810

Phe Phe Asn Ser Pro Ser Tyr Pro Glu Asn Leu
 1 5 10

<210> 811

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

1

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10

<210> 812

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 812

Phe Phe Asn Ser Pro Ser Tyr Tyr Glu Asn Leu

1

5

10

<210> 813

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 813

Phe Phe Asn Ser Pro Ser Tyr Trp Glu Asn Leu

1

5

10

<210> 814

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 814

Phe Phe Asn Ser Pro Ser Asp Pro Glu Asn Leu

1

5

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<210> 815

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<210> 816
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<220>
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peptide

<400> 816
Phe Phe Asn Ser Pro Ser Asp Tyr Glu Asn Leu
1 5 10

<210> 817
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
peptide

<400> 817
Phe Phe Asn Ser Pro Ser Asp Trp Glu Asn Leu
1 5 10

<210> 818
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
peptide

<400> 818
Phe Phe Asn Ser Pro Ser Glu Pro Glu Asn Leu
1 5 10

<210> 819
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
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peptide

<400> 819
Phe Phe Asn Ser Pro Ser Glu Pro Glu Asn Leu

<211> 11
 <212> PRT
 <213> Artificial Sequence

<220>
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 peptide

<400> 820
 Phe Phe Asn Ser Pro Ser Glu Tyr Glu Asn Leu
 1 5 10

<210> 821
 <211> 11
 <212> PRT
 <213> Artificial Sequence

<220>
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 peptide

<400> 821
 Phe Phe Asn Ser Pro Ser Glu Trp Glu Asn Leu
 1 5 10

<210> 822
 <211> 11
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<220>
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 peptide

<400> 822
 Phe Phe Asn Ser Pro Ser Asn Pro Glu Asn Leu
 1 5 10

<210> 823
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<220>
 <223> Description of Artificial Sequence: Synthetic
 peptide

<400> 823
 Phe Phe Asn Ser Pro Ser Asn Phe Glu Asn Leu
 1 5 10

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 824

Phe Phe Asn Ser Pro Ser Asn Tyr Glu Asn Leu
1 5 10

<210> 825

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 825

Phe Phe Asn Ser Pro Ser Asn Trp Glu Asn Leu
1 5 10

<210> 826

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 826

Phe Phe Asn Ser Pro Ser Gln Pro Glu Asn Leu
1 5 10

<210> 827

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 827

Phe Phe Asn Ser Pro Ser Gln Phe Glu Asn Leu
1 5 10

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 828

Phe Phe Asn Ser Pro Ser Gln Tyr Glu Asn Leu
1 5 10

<210> 829

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 829

Phe Phe Asn Ser Pro Ser Gln Trp Glu Asn Leu
1 5 10

<210> 830

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 830

Phe Phe Asn Ser Pro Ser His Pro Glu Asn Leu
1 5 10

<210> 831

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 831

Phe Phe Asn Ser Pro Ser His Phe Glu Asn Leu
1 5 10

<210> 832

<211> 11

peptide

<400> 832

Phe	Phe	Asn	Ser	Pro	Ser	His	Tyr	Glu	Asn	Leu
1				5					10	

<210> 833

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 833

Phe	Phe	Asn	Ser	Pro	Ser	His	Trp	Glu	Asn	Leu
1				5					10	

<210> 834

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 834

Phe	Phe	Gly	Ser	Pro	Ser	Met	Pro	Glu	Asn	Leu
1				5					10	

<210> 835

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 835

Phe	Phe	Gly	Ser	Pro	Ser	Met	Phe	Glu	Asn	Leu
1				5					10	

<210> 836

<211> 11

<212> PRT

<213> Artificial Sequence

<400> 836

Phe Phe Gly Ser Pro Ser Met Tyr Glu Asn Leu
1 5 10

<210> 837

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 837

Phe Phe Gly Ser Pro Ser Met Trp Glu Asn Leu
1 5 10

<210> 838

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 838

Phe Phe Gly Ser Pro Ser Phe Pro Glu Asn Leu
1 5 10

<210> 839

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 839

Phe Phe Gly Ser Pro Ser Phe Phe Glu Asn Leu
1 5 10

<210> 840

<211> 11

<212> PRT

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<220>

<220> Description of Artificial Sequence: Synthetic peptide

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<210> 841
<211> 11
<212> PRT
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<220>
<223> Description of Artificial Sequence: Synthetic peptide

<400> 841
Phe Phe Gly Ser Pro Ser Phe Trp Glu Asn Leu
1 5 10

<210> 842
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<400> 842
Phe Phe Gly Ser Pro Ser Tyr Pro Glu Asn Leu
1 5 10

<210> 843
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<400> 843
Phe Phe Gly Ser Pro Ser Tyr Phe Glu Asn Leu
1 5 10

<210> 844
<211> 11
<212> PRT
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<220>
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<210> 845
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<212> PRT
<213> Artificial Sequence

<220>
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peptide

<400> 845
Phe Phe Gly Ser Pro Ser Tyr Trp Glu Asn Leu
1 5 10

<210> 846
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
peptide

<400> 846
Phe Phe Gly Ser Pro Ser Asp Pro Glu Asn Leu
1 5 10

<210> 847
<211> 11
<212> PRT
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<220>
<223> Description of Artificial Sequence: Synthetic
peptide

<400> 847
Phe Phe Gly Ser Pro Ser Asp Phe Glu Asn Leu
1 5 10

<210> 848
<211> 11
<212> PRT
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<220>
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peptide

<400> 848

<211> 11
 <212> PRT
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<220>
 <223> Description of Artificial Sequence: Synthetic
 peptide

<400> 849
 Phe Phe Gly Ser Pro Ser Asp Trp Glu Asn Leu
 1 5 10

<210> 850
 <211> 11
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 peptide

<400> 850
 Phe Phe Gly Ser Pro Ser Glu Pro Glu Asn Leu
 1 5 10

<210> 851
 <211> 11
 <212> PRT
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<220>
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 peptide

<400> 851
 Phe Phe Gly Ser Pro Ser Glu Phe Glu Asn Leu
 1 5 10

<210> 852
 <211> 11
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 peptide

<400> 852
 Phe Phe Gly Ser Pro Ser Glu Tyr Glu Asn Leu
 1 5 10

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 853

Phe Phe Gly Ser Pro Ser Glu Trp Glu Asn Leu
1 5 10

<210> 854

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 854

Phe Phe Gly Ser Pro Ser Asn Pro Glu Asn Leu
1 5 10

<210> 855

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 855

Phe Phe Gly Ser Pro Ser Asn Phe Glu Asn Leu
1 5 10

<210> 856

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 856

Phe Phe Gly Ser Pro Ser Asn Tyr Glu Asn Leu
1 5 10

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 857

Phe Phe Gly Ser Pro Ser Asn Trp Glu Asn Leu
 1 5 10

<210> 858

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 858

Phe Phe Gly Ser Pro Ser Gln Pro Glu Asn Leu
 1 5 10

<210> 859

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 859

Phe Phe Gly Ser Pro Ser Gln Phe Glu Asn Leu
 1 5 10

<210> 860

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 860

Phe Phe Gly Ser Pro Ser Gln Tyr Glu Asn Leu
 1 5 10

<210> 861

<211> 11

peptide

<400> 851

Phe	Phe	Gly	Ser	Pro	Ser	Gln	Trp	Glu	Asn	Leu
1				5					10	

<210> 852

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 852

Phe	Phe	Gly	Ser	Pro	Ser	His	Pro	Glu	Asn	Leu
1				5					10	

<210> 853

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 853

Phe	Phe	Gly	Ser	Pro	Ser	His	Phe	Glu	Asn	Leu
1				5					10	

<210> 854

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 854

Phe	Phe	Gly	Ser	Pro	Ser	His	Tyr	Glu	Asn	Leu
1				5					10	

<210> 855

<211> 11

<212> PRT

<213> Artificial Sequence

<400> 865

Phe Phe Gly Ser Pro Ser His Trp Glu Asn Leu
 1 5 10

<210> 866

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
 peptide

<400> 866

Phe Phe Ala Ser Pro Ser Met Pro Glu Asn Leu
 1 5 10

<210> 867

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
 peptide

<400> 867

Phe Phe Ala Ser Pro Ser Met Phe Glu Asn Leu
 1 5 10

<210> 868

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
 peptide

<400> 868

Phe Phe Ala Ser Pro Ser Met Tyr Glu Asn Leu
 1 5 10

<210> 869

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

1

5

10

<210> 870

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
peptide

<400> 870

Phe Phe Ala Ser Pro Ser Phe Pro Glu Asn Leu

1

5

10

<210> 871

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
peptide

<400> 871

Phe Phe Ala Ser Pro Ser Phe Phe Glu Asn Leu

1

5

10

<210> 872

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
peptide

<400> 872

Phe Phe Ala Ser Pro Ser Phe Tyr Glu Asn Leu

1

5

10

<210> 873

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
peptide

<210> 874
 <211> 11
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 peptide

<400> 874
 Phe Phe Ala Ser Pro Ser Tyr Pro Glu Asn Leu
 1 5 10

<210> 875
 <211> 11
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 peptide

<400> 875
 Phe Phe Ala Ser Pro Ser Tyr Phe Glu Asn Leu
 1 5 10

<210> 876
 <211> 11
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 peptide

<400> 876
 Phe Phe Ala Ser Pro Ser Tyr Tyr Glu Asn Leu
 1 5 10

<210> 877
 <211> 11
 <212> PRT
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<220>
 <223> Description of Artificial Sequence: Synthetic
 peptide

<400> 877

<211> 11
 <212> PRT
 <213> Artificial Sequence

<220>
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 peptide

<400> 878
 Phe Phe Ala Ser Pro Ser Asp Pro Glu Asn Leu
 1 5 10

<210> 879
 <211> 11
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 peptide

<400> 879
 Phe Phe Ala Ser Pro Ser Asp Phe Glu Asn Leu
 1 5 10

<210> 880
 <211> 11
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 peptide

<400> 880
 Phe Phe Ala Ser Pro Ser Asp Tyr Glu Asn Leu
 1 5 10

<210> 881
 <211> 11
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 peptide

<400> 881
 Phe Phe Ala Ser Pro Ser Asp Trp Glu Asn Leu
 1 5 10

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 882

Phe Phe Ala Ser Pro Ser Glu Pro Glu Asn Leu
 1 5 10

<210> 883

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 883

Phe Phe Ala Ser Pro Ser Glu Phe Glu Asn Leu
 1 5 10

<210> 884

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 884

Phe Phe Ala Ser Pro Ser Glu Tyr Glu Asn Leu
 1 5 10

<210> 885

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 885

Phe Phe Ala Ser Pro Ser Glu Trp Glu Asn Leu
 1 5 10

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 886

Phe Phe Ala Ser Pro Ser Asn Pro Glu Asn Leu
1 5 10

<210> 887

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 887

Phe Phe Ala Ser Pro Ser Asn Phe Glu Asn Leu
1 5 10

<210> 888

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 888

Phe Phe Ala Ser Pro Ser Asn Tyr Glu Asn Leu
1 5 10

<210> 889

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 889

Phe Phe Ala Ser Pro Ser Asn Trp Glu Asn Leu
1 5 10

<210> 890

<211> 11

peptide

<400> 890

Phe	Phe	Ala	Ser	Pro	Ser	Gln	Pro	Glu	Asn	Leu
1				5					10	

<210> 891

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 891

Phe	Phe	Ala	Ser	Pro	Ser	Gln	Phe	Glu	Asn	Leu
1				5					10	

<210> 892

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 892

Phe	Phe	Ala	Ser	Pro	Ser	Gln	Tyr	Glu	Asn	Leu
1				5					10	

<210> 893

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 893

Phe	Phe	Ala	Ser	Pro	Ser	Gln	Trp	Glu	Asn	Leu
1				5					10	

<210> 894

<211> 11

<212> PRT

<213> Artificial Sequence

<400> 894

Phe Phe Ala Ser Pro Ser His Pro Glu Asn Leu
1 5 10

<210> 895

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 895

Phe Phe Ala Ser Pro Ser His Phe Glu Asn Leu
1 5 10

<210> 896

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 896

Phe Phe Ala Ser Pro Ser His Tyr Glu Asn Leu
1 5 10

<210> 897

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 897

Phe Phe Ala Ser Pro Ser His Trp Glu Asn Leu
1 5 10

<210> 898

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

1	5	10
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<210> 899
 <211> 11
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic peptide

<400> 899
 Trp Tyr Arg Ser Pro Ser Met Phe Glu Asn Leu
 1 5 10

<210> 900
 <211> 11
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic peptide

<400> 900
 Trp Tyr Arg Ser Pro Ser Met Tyr Glu Asn Leu
 1 5 10

<210> 901
 <211> 11
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic peptide

<400> 901
 Trp Tyr Arg Ser Pro Ser Met Trp Glu Asn Leu
 1 5 10

<210> 902
 <211> 11
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic peptide

<210> 903
<211> 11
<212> PRT
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<220>
<223> Description of Artificial Sequence: Synthetic
peptide

<400> 903
Trp Tyr Arg Ser Pro Ser Phe Phe Glu Asn Leu
1 5 10

<210> 904
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
peptide

<400> 904
Trp Tyr Arg Ser Pro Ser Phe Tyr Glu Asn Leu
1 5 10

<210> 905
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
peptide

<400> 905
Trp Tyr Arg Ser Pro Ser Phe Trp Glu Asn Leu
1 5 10

<210> 906
<211> 11
<212> PRT
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<220>
<223> Description of Artificial Sequence: Synthetic
peptide

<400> 906

<211> 11
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 peptide

<400> 907
 Trp Tyr Arg Ser Pro Ser Tyr Phe Glu Asn Leu
 1 5 10

<210> 908
 <211> 11
 <212> PRT
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<220>
 <223> Description of Artificial Sequence: Synthetic
 peptide

<400> 908
 Trp Tyr Arg Ser Pro Ser Tyr Tyr Glu Asn Leu
 1 5 10

<210> 909
 <211> 11
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 peptide

<400> 909
 Trp Tyr Arg Ser Pro Ser Tyr Trp Glu Asn Leu
 1 5 10

<210> 910
 <211> 11
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 peptide

<400> 910
 Trp Tyr Arg Ser Pro Ser Asp Pro Glu Asn Leu
 1 5 10

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 911

Trp Tyr Arg Ser Pro Ser Asp Phe Glu Asn Leu
1 5 10

<210> 912

<211> 11

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Trp Tyr Arg Ser Pro Ser Glu Phe Glu Asn Leu
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Trp Tyr Arg Ser Pro Ser Gln Phe Glu Asn Leu
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1 5 10

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Trp Tyr Ser Ser Pro Ser Glu Tyr Glu Asn Leu
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Trp Tyr Ser Ser Pro Ser Asn Tyr Glu Asn Leu
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 1 5 10

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 Trp Tyr Thr Ser Pro Ser Phe Phe Glu Asn Leu
 1 5 10

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<400> 968
 Trp Tyr Thr Ser Pro Ser Phe Tyr Glu Asn Leu
 1 5 10

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<223> Description of Artificial Sequence: Synthetic peptide

<400> 969

Trp Tyr Thr Ser Pro Ser Phe Trp Glu Asn Leu
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Trp Tyr Thr Ser Pro Ser Tyr Pro Glu Asn Leu
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Trp Tyr Thr Ser Pro Ser Tyr Phe Glu Asn Leu
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<400> 972

Trp Tyr Thr Ser Pro Ser Tyr Tyr Glu Asn Leu
1 5 10

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<400> 973

Trp Tyr Thr Ser Pro Ser Tyr Trp Glu Asn Leu
 1 5 10

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<400> 974

Trp Tyr Thr Ser Pro Ser Asp Pro Glu Asn Leu
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<400> 975

Trp Tyr Thr Ser Pro Ser Asp Phe Glu Asn Leu
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<400> 976

Trp Tyr Thr Ser Pro Ser Asp Tyr Glu Asn Leu
 1 5 10

<210> 977

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peptide

<400> 977

Trp	Tyr	Thr	Ser	Pro	Ser	Asp	Trp	Glu	Asn	Leu
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<211> 11

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<223> Description of Artificial Sequence: Synthetic peptide

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Trp	Tyr	Thr	Ser	Pro	Ser	Glu	Pro	Glu	Asn	Leu
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<400> 979

Trp	Tyr	Thr	Ser	Pro	Ser	Glu	Phe	Glu	Asn	Leu
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<210> 980

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<211> 11

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<400> 981

Trp Tyr Thr Ser Pro Ser Glu Trp Glu Asn Leu
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<210> 982

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Trp Tyr Thr Ser Pro Ser Asn Pro Glu Asn Leu
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<210> 983

<211> 11

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Trp Tyr Thr Ser Pro Ser Asn Phe Glu Asn Leu
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<400> 984

Trp Tyr Thr Ser Pro Ser Asn Tyr Glu Asn Leu
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1 5 10

<210> 989
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 peptide

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 1 5 10

<210> 993
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 Trp Tyr Thr Ser Pro Ser His Tyr Glu Asn Leu

<211> 11
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<400> 994
 Trp Tyr His Ser Pro Ser Met Pro Glu Asn Leu
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<400> 995
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 1 5 10

<210> 996
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 Trp Tyr His Ser Pro Ser Met Tyr Glu Asn Leu
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<210> 997
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<400> 997
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 1 5 10

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<400> 998

Trp Tyr His Ser Pro Ser Phe Pro Glu Asn Leu
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1 5 10

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<223> Description of Artificial Sequence: Synthetic peptide

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<210> 1003

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<210> 1004

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Trp Tyr His Ser Pro Ser Tyr Trp Glu Asn Leu
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<210> 1006

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Trp	Tyr	His	Ser	Pro	Ser	Asp	Pro	Glu	Asn	Leu
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Trp	Tyr	His	Ser	Pro	Ser	Asp	Tyr	Glu	Asn	Leu
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<210> 1009

<211> 11

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<400> 1010

Trp Tyr His Ser Pro Ser Glu Pro Glu Asn Leu
1 5 10

<210> 1011

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<223> Description of Artificial Sequence: Synthetic
peptide

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Trp Tyr His Ser Pro Ser Glu Phe Glu Asn Leu
1 5 10

<210> 1012

<211> 11

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<223> Description of Artificial Sequence: Synthetic
peptide

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Trp Tyr His Ser Pro Ser Glu Tyr Glu Asn Leu
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<210> 1013

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Trp Tyr His Ser Pro Ser Glu Trp Glu Asn Leu
1 5 10

<210> 1014

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1 5 10

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Trp Tyr His Ser Pro Ser Asn Phe Glu Asn Leu

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<210> 1016

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 1 5 10

<210> 1025
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<400> 1025
 Trp Tyr His Ser Pro Ser His Trp Glu Asn Leu
 1 5 10

<210> 1026
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<220>
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<400> 1026
 Trp Tyr Asn Ser Pro Ser Met Pro Glu Asn Leu
 1 5 10

<213> Artificial Sequence

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<223> Description of Artificial Sequence: Synthetic peptide

<400> 1027

Trp Tyr Asn Ser Pro Ser Met Phe Glu Asn Leu
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<210> 1028

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1028

Trp Tyr Asn Ser Pro Ser Met Tyr Glu Asn Leu
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<210> 1029

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1029

Trp Tyr Asn Ser Pro Ser Met Trp Glu Asn Leu
1 5 10

<210> 1030

<211> 11

<212> PRT

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<223> Description of Artificial Sequence: Synthetic peptide

<400> 1030

Trp Tyr Asn Ser Pro Ser Phe Pro Glu Asn Leu
1 5 10

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1031

Trp Tyr Asn Ser Pro Ser Phe Phe Glu Asn Leu
1 5 10

<210> 1032

<211> 11

<212> PRT

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<223> Description of Artificial Sequence: Synthetic peptide

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Trp Tyr Asn Ser Pro Ser Phe Tyr Glu Asn Leu
1 5 10

<210> 1033

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<400> 1033

Trp Tyr Asn Ser Pro Ser Phe Trp Glu Asn Leu
1 5 10

<210> 1034

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<212> PRT

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<210> 1035

<211> 11

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peptide

<400> 1035

Trp Tyr Asn Ser Pro Ser Tyr Phe Glu Asn Leu
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<210> 1036

<211> 11

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<213> Artificial Sequence

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<223> Description of Artificial Sequence: Synthetic peptide

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Trp Tyr Asn Ser Pro Ser Tyr Tyr Glu Asn Leu
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<211> 11

<212> PRT

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<223> Description of Artificial Sequence: Synthetic peptide

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Trp Tyr Asn Ser Pro Ser Tyr Trp Glu Asn Leu
 1 5 10

<210> 1038

<211> 11

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<213> Artificial Sequence

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<223> Description of Artificial Sequence: Synthetic peptide

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<211> 11

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Trp Tyr Asn Ser Pro Ser Asp Phe Glu Asn Leu
1 5 10

<210> 1040

<211> 11

<212> PRT

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<223> Description of Artificial Sequence: Synthetic
peptide

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Trp Tyr Asn Ser Pro Ser Asp Tyr Glu Asn Leu
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<210> 1041

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
peptide

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Trp Tyr Asn Ser Pro Ser Asp Trp Glu Asn Leu
1 5 10

<210> 1042

<211> 11

<212> PRT

<213> Artificial Sequence

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<223> Description of Artificial Sequence: Synthetic
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Trp Tyr Asn Ser Pro Ser Glu Pro Glu Asn Leu
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<210> 1043

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<212> PRT

<213> Artificial Sequence

<220>

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<210> 1044
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<220>
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<210> 1045
 <211> 11
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<220>
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<210> 1046
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<220>
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<220>
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<210> 1048
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<220>
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<400> 1048
 Trp Tyr Asn Ser Pro Ser Asn Tyr Glu Asn Leu
 1 5 10

<210> 1049
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<220>
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<210> 1050
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<220>
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 1 5 10

<210> 1051
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<220>
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 peptide

<400> 1051

<211> 11
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<220>
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 peptide

<400> 1052
 Trp Tyr Asn Ser Pro Ser Gln Tyr Glu Asn Leu
 1 5 10

<210> 1053
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<220>
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 peptide

<400> 1053
 Trp Tyr Asn Ser Pro Ser Gln Trp Glu Asn Leu
 1 5 10

<210> 1054
 <211> 11
 <212> PRT
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<220>
 <223> Description of Artificial Sequence: Synthetic
 peptide

<400> 1054
 Trp Tyr Asn Ser Pro Ser His Pro Glu Asn Leu
 1 5 10

<210> 1055
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<220>
 <223> Description of Artificial Sequence: Synthetic
 peptide

<400> 1055
 Trp Tyr Asn Ser Pro Ser His Phe Glu Asn Leu
 1 5 10

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1056

Trp Tyr Asn Ser Pro Ser His Tyr Glu Asn Leu
1 5 10

<210> 1057

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1057

Trp Tyr Asn Ser Pro Ser His Trp Glu Asn Leu
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<210> 1058

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1058

Trp Tyr Gly Ser Pro Ser Met Pro Glu Asn Leu
1 5 10

<210> 1059

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1059

Trp Tyr Gly Ser Pro Ser Met Phe Glu Asn Leu
1 5 10

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1060

Trp Tyr Gly Ser Pro Ser Met Tyr Glu Asn Leu
1 5 10

<210> 1061

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

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Trp Tyr Gly Ser Pro Ser Met Trp Glu Asn Leu
1 5 10

<210> 1062

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1062

Trp Tyr Gly Ser Pro Ser Phe Pro Glu Asn Leu
1 5 10

<210> 1063

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1063

Trp Tyr Gly Ser Pro Ser Phe Phe Glu Asn Leu
1 5 10

<210> 1064

<211> 11

<212> PRT

peptide

<400> 1064

Trp Tyr Gly Ser Pro Ser Phe Tyr Glu Asn Leu
 1 5 10

<210> 1065

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1065

Trp Tyr Gly Ser Pro Ser Phe Trp Glu Asn Leu
 1 5 10

<210> 1066

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1066

Trp Tyr Gly Ser Pro Ser Tyr Pro Glu Asn Leu
 1 5 10

<210> 1067

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1067

Trp Tyr Gly Ser Pro Ser Tyr Phe Glu Asn Leu
 1 5 10

<210> 1068

<211> 11

<212> PRT

<213> Artificial Sequence

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<400> 1068
Trp Tyr Gly Ser Pro Ser Tyr Tyr Glu Asn Leu
      :                      5              10
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<210> 1069
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<212> PRT
<213> Artificial Sequence
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<220>
<225> Description of Artificial Sequence: Synthetic peptide

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<400> 1069
Trp Tyr Gly Ser Pro Ser Tyr Trp Glu Asn Leu
      1                      5                      10
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<210> 1070
<211> 11
<212> PRT
<213> Artificial Sequence
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<220>
<223> Description of Artificial Sequence: Synthetic peptide

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<400> 1070
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<211> 11
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<222>
<223> Description of Artificial Sequence: Synthetic
      peptide
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4400-1071
Trp Tyr Gly Ser Pro Ser Asp Phe Glu Asn Leu

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<110> 1072
<111> 11
<112> PRT
<113> Artificial Sequence
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<210> 1073

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1073

Trp Tyr Gly Ser Pro Ser Asp Trp Glu Asn Leu

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<210> 1074

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1074

Trp Tyr Gly Ser Pro Ser Glu Pro Glu Asn Leu

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<210> 1075

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1075

Trp Tyr Gly Ser Pro Ser Glu Phe Glu Asn Leu

1

5

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<210> 1076

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<210> 1077
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 <212> PRT
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<220>
 <223> Description of Artificial Sequence: Synthetic
 peptide

<400> 1077
 Trp Tyr Gly Ser Pro Ser Glu Trp Glu Asn Leu
 1 5 10

<210> 1078
 <211> 11
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 peptide

<400> 1078
 Trp Tyr Gly Ser Pro Ser Asn Pro Glu Asn Leu
 1 5 10

<210> 1079
 <211> 11
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 peptide

<400> 1079
 Trp Tyr Gly Ser Pro Ser Asn Phe Glu Asn Leu
 1 5 10

<210> 1080
 <211> 11
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 peptide

<400> 1080
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<211> 11
<212> PRT
<213> Artificial Sequence
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<220>
<223> Description of Artificial Sequence: Synthetic peptide

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Trp Tyr Gly Ser Pro Ser Asn Trp Glu Asn Leu
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<210> 1082
<211> 11
<212> PRT
<213> Artificial Sequence
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<220>
<223> Description of Artificial Sequence: Synthetic
      peptide
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<400> 1082
Trp Tyr Gly Ser Pro Ser Gln Pro Glu Asn Leu
  1                   5                   10

```

```
<210> 1083
<211> 11
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<213> Artificial Sequence
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<220>
<223> Description of Artificial Sequence: Synthetic
      peptide
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```
<400> 1083
Trp Tyr Gly Ser Pro Ser Gln Phe Glu Asn Leu
  1                   5                   10
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«210» 1084
«211» 11
«212» PRT
«213» Artificial Sequence

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<223> Description of Artificial Sequence: Synthetic peptide

4400> 1084
Trp Tyr Gly Ser Pro Ser Gln Tyr Glu Asn Leu
 5 10

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1085

Trp Tyr Gly Ser Pro Ser Gln Trp Glu Asn Leu
1 5 10

<210> 1086

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1086

Trp Tyr Gly Ser Pro Ser His Pro Glu Asn Leu
1 5 10

<210> 1087

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1087

Trp Tyr Gly Ser Pro Ser His Phe Glu Asn Leu
1 5 10

<210> 1088

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1088

Trp Tyr Gly Ser Pro Ser His Tyr Glu Asn Leu
1 5 10

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1089

Trp Tyr Gly Ser Pro Ser His Trp Glu Asn Leu
 1 5 10

<210> 1090

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1090

Trp Tyr Ala Ser Pro Ser Met Pro Glu Asn Leu
 1 5 10

<210> 1091

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1091

Trp Tyr Ala Ser Pro Ser Met Phe Glu Asn Leu
 1 5 10

<210> 1092

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1092

Trp Tyr Ala Ser Pro Ser Met Tyr Glu Asn Leu
 1 5 10

<210> 1093

<211> 11

peptide

<400> 1093

Trp Tyr Ala Ser Pro Ser Met Trp Glu Asn Leu
1 5 10

<210> 1094

<211> 11

<212> PRT

<013> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1094

Trp Tyr Ala Ser Pro Ser Phe Pro Glu Asn Leu
1 5 10

<210> 1095

<211> 11

<212> PRT

<213> Artificial Sequence

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<223> Description of Artificial Sequence: Synthetic peptide

<400> 1095

Trp Tyr Ala Ser Pro Ser Phe Phe Glu Asn Leu
1 5 10

<210> 1096

<211> 11

<212> PRT

<213> Artificial Sequence

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<223> Description of Artificial Sequence: Synthetic peptide

400, 1096

Trp Tyr Ala Ser Pro Ser Phe Tyr Glu Asn Leu
1 5 10

<210> 1097

<211> 11

612 PRT

<213> Artificial Sequence

<400> 1097

Trp Tyr Ala Ser Pro Ser Phe Trp Glu Asn Leu
 1 5 10

<210> 1098

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1098

Trp Tyr Ala Ser Pro Ser Tyr Pro Glu Asn Leu
 1 5 10

<210> 1099

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1099

Trp Tyr Ala Ser Pro Ser Tyr Phe Glu Asn Leu
 1 5 10

<210> 1100

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1100

Trp Tyr Ala Ser Pro Ser Tyr Tyr Glu Asn Leu
 1 5 10

<210> 1101

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

1 5 10

<210> 1102

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1102

Trp Tyr Ala Ser Pro Ser Asp Pro Glu Asn Leu

1 5 10

<210> 1103

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1103

Trp Tyr Ala Ser Pro Ser Asp Phe Glu Asn Leu

1 5 10

<210> 1104

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1104

Trp Tyr Ala Ser Pro Ser Asp Tyr Glu Asn Leu

1 5 10

<210> 1105

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<210> 1106
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<220>
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 peptide

<400> 1106
 Trp Tyr Ala Ser Pro Ser Glu Pro Glu Asn Leu
 1 5 10

<210> 1107
 <211> 11
 <212> PRT
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<220>
 <223> Description of Artificial Sequence: Synthetic
 peptide

<400> 1107
 Trp Tyr Ala Ser Pro Ser Glu Phe Glu Asn Leu
 1 5 10

<210> 1108
 <211> 11
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 peptide

<400> 1108
 Trp Tyr Ala Ser Pro Ser Glu Tyr Glu Asn Leu
 1 5 10

<210> 1109
 <211> 11
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 peptide

<400> 1109

<211> 11
 <212> PRT
 <213> Artificial Sequence

<220>
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 peptide

<400> 1110
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 1 5 10

<210> 1111
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<220>
 <223> Description of Artificial Sequence: Synthetic
 peptide

<400> 1111
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 1 5 10

<210> 1112
 <211> 11
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<220>
 <223> Description of Artificial Sequence: Synthetic
 peptide

<400> 1112
 Trp Tyr Ala Ser Pro Ser Asn Tyr Glu Asn Leu
 1 5 10

<210> 1113
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<220>
 <223> Description of Artificial Sequence: Synthetic
 peptide

<400> 1113
 Trp Tyr Ala Ser Pro Ser Asn Trp Glu Asn Leu
 1 5 10

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1114

Trp Tyr Ala Ser Pro Ser Gln Pro Glu Asn Leu
1 5 10

<210> 1115

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1115

Trp Tyr Ala Ser Pro Ser Gln Phe Glu Asn Leu
1 5 10

<210> 1116

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1116

Trp Tyr Ala Ser Pro Ser Gln Tyr Glu Asn Leu
1 5 10

<210> 1117

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1117

Trp Tyr Ala Ser Pro Ser Gln Trp Glu Asn Leu
1 5 10

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1118

Trp Tyr Ala Ser Pro Ser His Pro Glu Asn Leu
1 5 10

<210> 1119

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1119

Trp Tyr Ala Ser Pro Ser His Phe Glu Asn Leu
1 5 10

<210> 1120

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1120

Trp Tyr Ala Ser Pro Ser His Tyr Glu Asn Leu
1 5 10

<210> 1121

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1121

Trp Tyr Ala Ser Pro Ser His Trp Glu Asn Leu
1 5 10

<210> 1122

<211> 11

peptide

<400> 1122

Trp Phe Arg Ser Pro Ser Met Pro Glu Asn Leu
 1 5 10

<210> 1123

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
 peptide

<400> 1123

Trp Phe Arg Ser Pro Ser Met Phe Glu Asn Leu
 1 5 10

<210> 1124

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
 peptide

<400> 1124

Trp Phe Arg Ser Pro Ser Met Tyr Glu Asn Leu
 1 5 10

<210> 1125

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
 peptide

<400> 1125

Trp Phe Arg Ser Pro Ser Met Trp Glu Asn Leu
 1 5 10

<210> 1126

<211> 11

<212> PRT

<213> Artificial Sequence

<400> 1126
 Trp Phe Arg Ser Pro Ser Phe Pro Glu Asn Leu
 1 5 10

<210> 1127
 <211> 11
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 peptide

<400> 1127
 Trp Phe Arg Ser Pro Ser Phe Phe Glu Asn Leu
 1 5 10

<210> 1128
 <211> 11
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 peptide

<400> 1128
 Trp Phe Arg Ser Pro Ser Phe Tyr Glu Asn Leu
 1 5 10

<210> 1129
 <211> 11
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 peptide

<400> 1129
 Trp Phe Arg Ser Pro Ser Phe Trp Glu Asn Leu
 1 5 10

<210> 1130
 <211> 11
 <212> PRT
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<220>

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<220>
<223> Description of Artificial Sequence: Synthetic
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<220>
<223> Description of Artificial Sequence: Synthetic peptide

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<210> 1133
<211> 11
<212> PRT
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<220>
<223> Description of Artificial Sequence: Synthetic peptide

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<210> 1134
<211> 11
<212> PRT
<213> Artificial Sequence
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<220>
<223> Description of Artificial Sequence: Synthetic peptide

<210> 1135
 <211> 11
 <212> PRT
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<220>
 <223> Description of Artificial Sequence: Synthetic
 peptide

<400> 1135
 Trp Phe Arg Ser Pro Ser Asp Phe Glu Asn Leu
 1 5 10

<210> 1136
 <211> 11
 <212> PRT
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<220>
 <223> Description of Artificial Sequence: Synthetic
 peptide

<400> 1136
 Trp Phe Arg Ser Pro Ser Asp Tyr Glu Asn Leu
 1 5 10

<210> 1137
 <211> 11
 <212> PRT
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<220>
 <223> Description of Artificial Sequence: Synthetic
 peptide

<400> 1137
 Trp Phe Arg Ser Pro Ser Asp Trp Glu Asn Leu
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 <211> 11
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 peptide

<400> 1138

<211> 11
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 <213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1139

Trp Phe Arg Ser Pro Ser Glu Phe Glu Asn Leu
 1 5 10

<210> 1140

<211> 11
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<220>

<223> Description of Artificial Sequence: Synthetic peptide

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Trp Phe Arg Ser Pro Ser Glu Trp Glu Asn Leu
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<210> 1142

<211> 11
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<223> Description of Artificial Sequence: Synthetic peptide

<400> 1142

Trp Phe Arg Ser Pro Ser Asn Pro Glu Asn Leu
 1 5 10

<213> Artificial Sequence

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<223> Description of Artificial Sequence: Synthetic peptide

<400> 1143

Trp Phe Arg Ser Pro Ser Asn Phe Glu Asn Leu
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<210> 1144

<211> 11

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Trp Phe Arg Ser Pro Ser Asn Tyr Glu Asn Leu
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Trp Phe Arg Ser Pro Ser Asn Trp Glu Asn Leu
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<210> 1146

<211> 11

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<223> Description of Artificial Sequence: Synthetic peptide

<400> 1146

Trp Phe Arg Ser Pro Ser Gln Pro Glu Asn Leu
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<220>

<223> Description of Artificial Sequence: Synthetic peptide

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Trp	Phe	Arg	Ser	Pro	Ser	Gln	Phe	Glu	Asn	Leu
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Trp	Phe	Arg	Ser	Pro	Ser	Gln	Tyr	Glu	Asn	Leu
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<210> 1149

<211> 11

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<210> 1152

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Trp	Phe	Arg	Ser	Pro	Ser	His	Tyr	Glu	Asn	Leu
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<210> 1157

<211> 11

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Trp Phe Ser Ser Pro Ser Met Trp Glu Asn Leu
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Trp Phe Ser Ser Pro Ser Phe Pro Glu Asn Leu
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<211> 11

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<210> 1160

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<223> Description of Artificial Sequence: Synthetic peptide

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<210> 1161

<211> 11

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<210> 1162

<211> 11

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Trp Phe Ser Ser Pro Ser Tyr Pro Glu Asn Leu

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<211> 11

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<400> 1167

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 peptide

<400> 1168
 Trp Phe Ser Ser Pro Ser Asp Tyr Glu Asn Leu
 1 5 10

<210> 1169
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<220>
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 1 5 10

<210> 1170
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<220>
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<400> 1170
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 1 5 10

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<400> 1171
 Trp Phe Ser Ser Pro Ser Glu Phe Glu Asn Leu
 1 5 10

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1172

Trp Phe Ser Ser Pro Ser Glu Tyr Glu Asn Leu
1 5 10

<210> 1173

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

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Trp Phe Ser Ser Pro Ser Glu Trp Glu Asn Leu
1 5 10

<210> 1174

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

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<400> 1174

Trp Phe Ser Ser Pro Ser Asn Pro Glu Asn Leu
1 5 10

<210> 1175

<211> 11

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<400> 1175

Trp Phe Ser Ser Pro Ser Asn Phe Glu Asn Leu
1 5 10

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1176

Trp Phe Ser Ser Pro Ser Asn Tyr Glu Asn Leu
1 5 10

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<400> 1177

Trp Phe Ser Ser Pro Ser Asn Trp Glu Asn Leu
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1 5 10

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<400> 1179

Trp Phe Ser Ser Pro Ser Gln Phe Glu Asn Leu
1 5 10

<210> 1180

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peptide

<400> 1180

Trp Phe Ser Ser Pro Ser Gln Tyr Glu Asn Leu
 1 5 10

<210> 1181

<211> 11

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<223> Description of Artificial Sequence: Synthetic peptide

<400> 1181

Trp Phe Ser Ser Pro Ser Gln Trp Glu Asn Leu
 1 5 10

<210> 1182

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

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Trp Phe Ser Ser Pro Ser His Pro Glu Asn Leu
 1 5 10

<210> 1183

<211> 11

<212> PRT

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<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1183

Trp Phe Ser Ser Pro Ser His Phe Glu Asn Leu
 1 5 10

<210> 1184

<211> 11

<212> PRT

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Trp Phe Ser Ser Pro Ser His Tyr Glu Asn Leu
1 5 10

<210> 1185

<211> 11

<212> PRT

<213> Artificial Sequence

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<223> Description of Artificial Sequence: Synthetic peptide

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Trp Phe Ser Ser Pro Ser His Trp Glu Asn Leu
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<210> 1186

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Trp Phe Thr Ser Pro Ser Met Pro Glu Asn Leu
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<210> 1187

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<211> 11

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<210> 1189

<211> 11

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<400> 1189

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<210> 1190

<211> 11

<212> PRT

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<223> Description of Artificial Sequence: Synthetic peptide

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5

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<210> 1191

<211> 11

<212> PRT

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<223> Description of Artificial Sequence: Synthetic peptide

<400> 1191

Trp Phe Thr Ser Pro Ser Phe Phe Glu Asn Leu

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<210> 1193
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peptide

<400> 1193
Trp Phe Thr Ser Pro Ser Phe Trp Glu Asn Leu
1 5 10

<210> 1194
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Trp Phe Thr Ser Pro Ser Tyr Pro Glu Asn Leu
1 5 10

<210> 1195
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peptide

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Trp Phe Thr Ser Pro Ser Tyr Phe Glu Asn Leu
1 5 10

<210> 1196
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peptide

<400> 1196

<211> 11
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 peptide

<400> 1197
 Trp Phe Thr Ser Pro Ser Tyr Trp Glu Asn Leu
 1 5 10

<210> 1198
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<220>
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 peptide

<400> 1198
 Trp Phe Thr Ser Pro Ser Asp Pro Glu Asn Leu
 1 5 10

<210> 1199
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<220>
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<400> 1199
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 1 5 10

<210> 1200
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<220>
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<400> 1200
 Trp Phe Thr Ser Pro Ser Asp Tyr Glu Asn Leu
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<213> Artificial Sequence

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<223> Description of Artificial Sequence: Synthetic peptide

<400> 1201

Trp Phe Thr Ser Pro Ser Asp Trp Glu Asn Leu
1 5 10

<210> 1202

<211> 11

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<400> 1202

Trp Phe Thr Ser Pro Ser Glu Pro Glu Asn Leu
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<210> 1203

<211> 11

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<223> Description of Artificial Sequence: Synthetic peptide

<400> 1203

Trp Phe Thr Ser Pro Ser Glu Phe Glu Asn Leu
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<210> 1204

<211> 11

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<223> Description of Artificial Sequence: Synthetic peptide

<400> 1204

Trp Phe Thr Ser Pro Ser Glu Tyr Glu Asn Leu
1 5 10

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1205

Trp Phe Thr Ser Pro Ser Glu Trp Glu Asn Leu
1 5 10

<210> 1206

<211> 11

<212> PRT

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<223> Description of Artificial Sequence: Synthetic peptide

<400> 1206

Pro Ser Asn Trp Phe Thr Ser Pro Glu Asn Leu
1 5 10

<210> 1207

<211> 11

<212> PRT

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<400> 1207

Trp Phe Thr Ser Pro Ser Asn Phe Glu Asn Leu
1 5 10

<210> 1208

<211> 11

<212> PRT

<213> Artificial Sequence

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<223> Description of Artificial Sequence: Synthetic peptide

<400> 1208

Trp Phe Thr Ser Pro Ser Asn Tyr Glu Asn Leu
1 5 10

<210> 1209

<211> 11

<212> PRT

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peptide

<400> 1209

Trp	Phe	Thr	Ser	Pro	Ser	Asn	Trp	Glu	Asn	Leu
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<210> 1210

<211> 11

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<223> Description of Artificial Sequence: Synthetic peptide

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Trp	Phe	Thr	Ser	Pro	Ser	Gln	Pro	Glu	Asn	Leu
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<210> 1211

<211> 11

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Trp	Phe	Thr	Ser	Pro	Ser	Gln	Phe	Glu	Asn	Leu
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<210> 1212

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<212> PRT

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<210> 1213

<211> 11

<212> PRT

<213> Artificial Sequence

<400> 1213

Trp Phe Thr Ser Pro Ser Gln Trp Glu Asn Leu
 1 5 10

<210> 1214

<211> 11

<212> PRT

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<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1214

Trp Phe Thr Ser Pro Ser His Pro Glu Asn Leu
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<210> 1215

<211> 11

<212> PRT

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<223> Description of Artificial Sequence: Synthetic peptide

<400> 1215

Trp Phe Thr Ser Pro Ser His Phe Glu Asn Leu
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<210> 1216

<211> 11

<212> PRT

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<400> 1216

Trp Phe Thr Ser Pro Ser His Tyr Glu Asn Leu
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<210> 1217

<211> 11

<212> PRT

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<220>

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<210> 1218

<211> 11

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<223> Description of Artificial Sequence: Synthetic peptide

<400> 1218

Trp Phe His Ser Pro Ser Met Pro Glu Asn Leu

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<210> 1219

<211> 11

<212> PRT

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<223> Description of Artificial Sequence: Synthetic peptide

<400> 1219

Trp Phe His Ser Pro Ser Met Phe Glu Asn Leu

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<210> 1220

<211> 11

<212> PRT

<213> Artificial Sequence

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<223> Description of Artificial Sequence: Synthetic peptide

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<210> 1221

<211> 11

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<210> 1222
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 peptide

<400> 1222
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<210> 1223
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<400> 1223
 Trp Phe His Ser Pro Ser Phe Phe Glu Asn Leu
 1 5 10

<210> 1224
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<220>
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<400> 1224
 Trp Phe His Ser Pro Ser Phe Tyr Glu Asn Leu
 1 5 10

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 peptide

<400> 1225

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<223> Description of Artificial Sequence: Synthetic peptide

<400> 1226

Trp Phe His Ser Pro Ser Tyr Pro Glu Asn Leu
 1 5 10

<210> 1227

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<400> 1227

Trp Phe His Ser Pro Ser Tyr Phe Glu Asn Leu
 1 5 10

<210> 1228

<211> 11
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<400> 1228

Trp Phe His Ser Pro Ser Tyr Tyr Glu Asn Leu
 1 5 10

<210> 1229

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<223> Description of Artificial Sequence: Synthetic peptide

<400> 1229

Trp Phe His Ser Pro Ser Tyr Trp Glu Asn Leu
 1 5 10

<213> Artificial Sequence

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<223> Description of Artificial Sequence: Synthetic peptide

<400> 1230

Trp Phe His Ser Pro Ser Asp Pro Glu Asn Leu
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<210> 1231

<211> 11

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<223> Description of Artificial Sequence: Synthetic peptide

<400> 1231

Trp Phe His Ser Pro Ser Asp Phe Glu Asn Leu
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<210> 1232

<211> 11

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<400> 1232

Trp Phe His Ser Pro Ser Asp Tyr Glu Asn Leu
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<210> 1233

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<400> 1233

Trp Phe His Ser Pro Ser Asp Trp Glu Asn Leu
1 5 10

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1234

Trp Phe His Ser Pro Ser Glu Pro Glu Asn Leu
1 5 10

<210> 1235

<211> 11

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<223> Description of Artificial Sequence: Synthetic peptide

<400> 1235

Trp Phe His Ser Pro Ser Glu Phe Glu Asn Leu
- 5 10

<210> 1236

<211> 11

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<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1236

Trp Phe His Ser Pro Ser Glu Tyr Glu Asn Leu
1 5 10

<210> 1237

<211> 11

<212> PRT

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<223> Description of Artificial Sequence: Synthetic peptide

<400> 1237

Trp Phe His Ser Pro Ser Glu Trp Glu Asn Leu
1 5 10

<210> 1238

<211> 11

peptide

<400> 1238

Trp Phe His Ser Pro Ser Asn Pro Glu Asn Leu
 1 5 10

<210> 1239

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1239

Trp Phe His Ser Pro Ser Asn Phe Glu Asn Leu
 1 5 10

<210> 1240

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1240

Trp Phe His Ser Pro Ser Asn Tyr Glu Asn Leu
 1 5 10

<210> 1241

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1241

Trp Phe His Ser Pro Ser Asn Trp Glu Asn Leu
 1 5 10

<210> 1242

<211> 11

<212> PRT

<213> Artificial Sequence

<400> 1242

Trp Phe His Ser Pro Ser Gln Pro Glu Asn Leu
1 5 10

<210> 1243

<211> 11

<212> PRT

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<220>

<223> Description of Artificial Sequence: Synthetic
peptide

<400> 1243

Trp Phe His Ser Pro Ser Gln Phe Glu Asn Leu
1 5 10

<210> 1244

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<212> PRT

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<220>

<223> Description of Artificial Sequence: Synthetic
peptide

<400> 1244

Trp Phe His Ser Pro Ser Gln Tyr Glu Asn Leu
1 5 10

<210> 1245

<211> 11

<212> PRT

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<223> Description of Artificial Sequence: Synthetic
peptide

<400> 1245

Trp Phe His Ser Pro Ser Gln Trp Glu Asn Leu
1 5 10

<210> 1246

<211> 11

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<210> 1247

<211> 11

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<223> Description of Artificial Sequence: Synthetic
peptide

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Trp Phe His Ser Pro Ser His Phe Glu Asn Leu

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<210> 1248

<211> 11

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peptide

<400> 1248

Trp Phe His Ser Pro Ser His Tyr Glu Asn Leu

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<210> 1249

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peptide

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Trp Phe His Ser Pro Ser His Trp Glu Asn Leu

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peptide

<210> 1251
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<220>
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 peptide

<400> 1251
 Trp Phe Asn Ser Pro Ser Met Phe Glu Asn Leu
 1 5 10

<210> 1252
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 <212> PRT
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 1 5 10

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 Trp Phe Asn Ser Pro Ser Met Trp Glu Asn Leu
 1 5 10

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<220>
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<211> 11
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 1 5 10

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<220>
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 1 5 10

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 Trp Phe Asn Ser Pro Ser Phe Trp Glu Asn Leu
 1 5 10

<210> 1258
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<220>
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 Trp Phe Asn Ser Pro Ser Tyr Pro Glu Asn Leu
 1 5 10

<213> Artificial Sequence

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<223> Description of Artificial Sequence: Synthetic peptide

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<210> 1260

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Trp Phe Asn Ser Pro Ser Asp Pro Glu Asn Leu
1 5 10

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<223> Description of Artificial Sequence: Synthetic peptide

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<210> 1267

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1 5 10

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Trp Phe Asn Ser Pro Ser Glu Trp Glu Asn Leu
  1                      5                10
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<400> 1271

Trp Phe Asn Ser Pro Ser Asn Phe Glu Asn Leu
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<210> 1272

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<213> Artificial Sequence

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<210> 1273

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<210> 1277

<211> 11

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1

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<210> 1278

<211> 11

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<211> 11

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 1 5 10

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<400> 1281
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 1 5 10

<210> 1282
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<400> 1282
 Trp Phe Gly Ser Pro Ser Met Pro Glu Asn Leu
 1 5 10

<210> 1283
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<400> 1283

<211> 11
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<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1284
 Trp Phe Gly Ser Pro Ser Met Tyr Glu Asn Leu
 1 5 10

<210> 1285

<211> 11

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<223> Description of Artificial Sequence: Synthetic peptide

<400> 1285
 Trp Phe Gly Ser Pro Ser Met Trp Glu Asn Leu
 1 5 10

<210> 1286

<211> 11

<212> PRT

<213> Artificial Sequence

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<223> Description of Artificial Sequence: Synthetic peptide

<400> 1286
 Trp Phe Gly Ser Pro Ser Phe Pro Glu Asn Leu
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<210> 1287

<211> 11

<212> PRT

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<400> 1287
 Trp Phe Gly Ser Pro Ser Phe Phe Glu Asn Leu
 1 5 10

<213> Artificial Sequence

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<223> Description of Artificial Sequence: Synthetic peptide

<400> 1288

Trp Phe Gly Ser Pro Ser Phe Tyr Glu Asn Leu
1 5 10

<210> 1289

<211> 11

<212> PRT

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<223> Description of Artificial Sequence: Synthetic peptide

<400> 1292

Trp Phe Gly Ser Pro Ser Phe Trp Glu Asn Leu
1 5 10

<210> 1290

<211> 11

<212> PRT

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<223> Description of Artificial Sequence: Synthetic peptide

<400> 1290

Trp Phe Gly Ser Pro Ser Tyr Pro Glu Asn Leu
1 5 10

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<223> Description of Artificial Sequence: Synthetic peptide

<400> 1291

Trp Phe Gly Ser Pro Ser Tyr Phe Glu Asn Leu
1 5 10

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<223> Description of Artificial Sequence: Synthetic peptide

<400> 1292

Trp Phe Gly Ser Pro Ser Tyr Tyr Glu Asn Leu
1 5 10

<210> 1293

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<223> Description of Artificial Sequence: Synthetic peptide

<400> 1293

Trp Phe Gly Ser Pro Ser Tyr Trp Glu Asn Leu
1 5 10

<210> 1294

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<400> 1294

Trp Phe Gly Ser Pro Ser Asp Pro Glu Asn Leu
1 5 10

<210> 1295

<211> 11

<212> PRT

<213> Artificial Sequence

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<223> Description of Artificial Sequence: Synthetic peptide

<400> 1295

Trp Phe Gly Ser Pro Ser Asp Phe Glu Asn Leu
1 5 10

<210> 1296

<211> 11

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peptide

<400> 1296

Trp	Phe	Gly	Ser	Pro	Ser	Asp	Tyr	Glu	Asn	Leu
1				5					10	

<210> 1297

<211> 11

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<223> Description of Artificial Sequence: Synthetic peptide

<400> 1297

Trp	Phe	Gly	Ser	Pro	Ser	Asp	Trp	Glu	Asn	Leu
1				5					10	

<210> 1298

<211> 11

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<223> Description of Artificial Sequence: Synthetic peptide

<400> 1298

Trp	Phe	Gly	Ser	Pro	Ser	Glu	Pro	Glu	Asn	Leu
1				5					10	

<210> 1299

<211> 11

<212> PRT

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<223> Description of Artificial Sequence: Synthetic peptide

<400> 1299

Trp	Phe	Gly	Ser	Pro	Ser	Glu	Phe	Glu	Asn	Leu
1				5					10	

<210> 1300

<211> 11

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<400> 1300

Trp Phe Gly Ser Pro Ser Glu Tyr Glu Asn Leu
 1 5 10

<210> 1301

<211> 11

<212> PRT

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<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1301

Trp Phe Gly Ser Pro Ser Glu Trp Glu Asn Leu
 1 5 10

<210> 1302

<211> 11

<212> PRT

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<223> Description of Artificial Sequence: Synthetic peptide

<400> 1302

Trp Phe Gly Ser Pro Ser Asn Pro Glu Asn Leu
 1 5 10

<210> 1303

<211> 11

<212> PRT

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<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1303

Trp Phe Gly Ser Pro Ser Asn Phe Glu Asn Leu
 1 5 10

<210> 1304

<211> 11

<212> PRT

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<220>

<223> Description of Artificial Sequence: Synthetic peptide

1 5 10

<210> 1305

<211> 11

<212> PRT

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<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1305

Trp Phe Gly Ser Pro Ser Asn Trp Glu Asn Leu

1 5 10

<210> 1306

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1306

Trp Phe Gly Ser Pro Ser Gln Pro Glu Asn Leu

1 5 10

<210> 1307

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1307

Trp Phe Gly Ser Pro Ser Gln Phe Glu Asn Leu

1 5 10

<210> 1308

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<210> 1309

<211> 11

<212> PRT

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<223> Description of Artificial Sequence: Synthetic peptide

<400> 1309

Trp Phe Gly Ser Pro Ser Gln Trp Glu Asn Leu
1 5 10

<210> 1310

<211> 11

<212> PRT

<213> Artificial Sequence

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<223> Description of Artificial Sequence: Synthetic peptide

<400> 1310

Trp Phe Gly Ser Pro Ser His Pro Glu Asn Leu
1 5 10

<210> 1311

<211> 11

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<223> Description of Artificial Sequence: Synthetic peptide

<400> 1311

Trp Phe Gly Ser Pro Ser His Phe Glu Asn Leu
1 5 10

<210> 1312

<211> 11

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<400> 1312

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<400> 1313
 Trp Phe Gly Ser Pro Ser His Trp Glu Asn Leu
 1 5 10

<210> 1314
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 peptide

<400> 1314
 Trp Phe Ala Ser Pro Ser Met Pro Glu Asn Leu
 1 5 10

<210> 1315
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<220>
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 peptide

<400> 1315
 Trp Phe Ala Ser Pro Ser Met Phe Glu Asn Leu
 1 5 10

<210> 1316
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<400> 1316
 Trp Phe Ala Ser Pro Ser Met Tyr Glu Asn Leu
 1 5 10

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<223> Description of Artificial Sequence: Synthetic peptide

<400> 1317

Trp Phe Ala Ser Pro Ser Met Trp Glu Asn Leu
1 5 10

<210> 1318

<211> 11

<212> PRT

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<223> Description of Artificial Sequence: Synthetic peptide

<400> 1318

Trp Phe Ala Ser Pro Ser Phe Pro Glu Asn Leu
1 5 10

<210> 1319

<211> 11

<212> PRT

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<223> Description of Artificial Sequence: Synthetic peptide

<400> 1319

Trp Phe Ala Ser Pro Ser Phe Phe Glu Asn Leu
1 5 10

<210> 1320

<211> 11

<212> PRT

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<223> Description of Artificial Sequence: Synthetic peptide

<400> 1320

Trp Phe Ala Ser Pro Ser Phe Tyr Glu Asn Leu
1 5 10

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1321

Trp Phe Ala Ser Pro Ser Phe Trp Glu Asn Leu
1 5 10

<210> 1322

<211> 11

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<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1322

Trp Phe Ala Ser Pro Ser Tyr Pro Glu Asn Leu
1 5 10

<210> 1323

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1323

Trp Phe Ala Ser Pro Ser Tyr Phe Glu Asn Leu
1 5 10

<210> 1324

<211> 11

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<400> 1324

Trp Phe Ala Ser Pro Ser Tyr Tyr Glu Asn Leu
1 5 10

<210> 1325

<211> 11

peptide

<400> 1325

Trp Phe Ala Ser Pro Ser Tyr Trp Glu Asn Leu
 1 5 10

<210> 1326

<211> 11

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<213> Artificial Sequence

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<223> Description of Artificial Sequence: Synthetic peptide

<400> 1326

Trp Phe Ala Ser Pro Ser Asp Pro Glu Asn Leu
 1 5 10

<210> 1327

<211> 11

<212> PRT

<213> Artificial Sequence

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<223> Description of Artificial Sequence: Synthetic peptide

<400> 1327

Trp Phe Ala Ser Pro Ser Asp Phe Glu Asn Leu
 1 5 10

<210> 1328

<211> 11

<212> PRT

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<400> 1328

Trp Phe Ala Ser Pro Ser Asp Tyr Glu Asn Leu
 1 5 10

<210> 1329

<211> 11

<212> PRT

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<400> 1329

Trp Phe Ala Ser Pro Ser Asp Trp Glu Asn Leu
 1 5 10

<210> 1330

<211> 11

<212> PRT

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<400> 1330

Trp Phe Ala Ser Pro Ser Glu Pro Glu Asn Leu
 1 5 10

<210> 1331

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

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Trp Phe Ala Ser Pro Ser Glu Phe Glu Asn Leu
 1 5 10

<210> 1332

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1332

Trp Phe Ala Ser Pro Ser Glu Tyr Glu Asn Leu
 1 5 10

<210> 1333

<211> 11

<212> PRT

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<220>

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<210> 1334

<211> 11

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<213> Artificial Sequence

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peptide

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Trp Phe Ala Ser Pro Ser Asn Pro Glu Asn Leu

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<210> 1335

<211> 11

<212> PRT

<213> Artificial Sequence

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peptide

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Trp Phe Ala Ser Pro Ser Asn Phe Glu Asn Leu

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<210> 1336

<211> 11

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<223> Description of Artificial Sequence: Synthetic
peptide

<400> 1336

Trp Phe Ala Ser Pro Ser Asn Tyr Glu Asn Leu

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peptide

<210> 1338
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<220>
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 peptide

<400> 1338
 Trp Phe Ala Ser Pro Ser Gln Pro Glu Asn Leu
 1 5 10

<210> 1339
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<220>
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 peptide

<400> 1339
 Trp Phe Ala Ser Pro Ser Gln Phe Glu Asn Leu
 1 5 10

<210> 1340
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<220>
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 peptide

<400> 1340
 Trp Phe Ala Ser Pro Ser Gln Tyr Glu Asn Leu
 1 5 10

<210> 1341
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<220>
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 peptide

<400> 1341
 Trp Phe Ala Ser Pro Ser Gln Tyr Glu Asn Leu

<211> 11
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<220>
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<400> 1342
 Trp Phe Ala Ser Pro Ser His Pro Glu Asn Leu
 1 5 10

<210> 1343
 <211> 11
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<220>
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 peptide

<400> 1343
 Trp Phe Ala Ser Pro Ser His Phe Glu Asn Leu
 1 5 10

<210> 1344
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<220>
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 peptide

<400> 1344
 Trp Phe Ala Ser Pro Ser His Tyr Glu Asn Leu
 1 5 10

<210> 1345
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<220>
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 peptide

<400> 1345
 Trp Phe Ala Ser Pro Ser His Trp Glu Asn Leu
 1 5 10

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1346

Met Tyr Arg Ser Pro Ser Met Pro Glu Asn Leu
1 5 10

<210> 1347

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1347

Met Tyr Arg Ser Pro Ser Met Phe Glu Asn Leu
1 5 10

<210> 1348

<211> 11

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<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1348

Met Tyr Arg Ser Pro Ser Met Tyr Glu Asn Leu
1 5 10

<210> 1349

<211> 11

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<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1349

Met Tyr Arg Ser Pro Ser Met Trp Glu Asn Leu
1 5 10

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1350

Met Tyr Arg Ser Pro Ser Phe Pro Glu Asn Leu
1 5 10

<210> 1351

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1351

Met Tyr Arg Ser Pro Ser Phe Phe Glu Asn Leu
1 5 10

<210> 1352

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1352

Met Tyr Arg Ser Pro Ser Phe Tyr Glu Asn Leu
1 5 10

<210> 1353

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1353

Met Tyr Arg Ser Pro Ser Phe Trp Glu Asn Leu
1 5 10

<210> 1354

<211> 11

peptide

<400> 1354

Met Tyr Arg Ser Pro Ser Tyr Pro Glu Asn Leu
1 5 10

<210> 1355

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1355

Met Tyr Arg Ser Pro Ser Tyr Phe Glu Asn Leu
1 5 10

<210> 1356

<211> 11

<212> PRT

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<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1356

Met Tyr Arg Ser Pro Ser Tyr Tyr Glu Asn Leu
1 5 10

<210> 1357

<211> 11

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<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1357

Met Tyr Arg Ser Pro Ser Tyr Trp Glu Asn Leu
1 5 10

<210> 1358

<211> 11

<212> PRT

<213> Artificial Sequence

<400> 1358

Met Tyr Arg Ser Pro Ser Asp Pro Glu Asn Leu
1 5 10

<210> 1359

<211> 11

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<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1359

Met Tyr Arg Ser Pro Ser Asp Phe Glu Asn Leu
1 5 10

<210> 1360

<211> 11

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<223> Description of Artificial Sequence: Synthetic peptide

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Met Tyr Arg Ser Pro Ser Asp Tyr Glu Asn Leu
1 5 10

<210> 1361

<211> 11

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<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1361

Met Tyr Arg Ser Pro Ser Asp Trp Glu Asn Leu
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<211> 11

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1 5 10

<210> 1363

<211> 11

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<223> Description of Artificial Sequence: Synthetic peptide

<400> 1363

Met Tyr Arg Ser Pro Ser Glu Phe Glu Asn Leu

1 5 10

<210> 1364

<211> 11

<212> PRT

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<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1364

Met Tyr Arg Ser Pro Ser Glu Tyr Glu Asn Leu

1 5 10

<210> 1365

<211> 11

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<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1365

Met Tyr Arg Ser Pro Ser Glu Trp Glu Asn Leu

1 5 10

<210> 1366

<211> 11

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<220>

<223> Description of Artificial Sequence: Synthetic peptide

<210> 1367
 <211> 11
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<220>
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<400> 1367
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 1 5 10

<210> 1368
 <211> 11
 <212> PRT
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<220>
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<400> 1368
 Met Tyr Arg Ser Pro Ser Asn Tyr Glu Asn Leu
 1 5 10

<210> 1369
 <211> 11
 <212> PRT
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<220>
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<400> 1369
 Met Tyr Arg Ser Pro Ser Asn Trp Glu Asn Leu
 1 5 10

<210> 1370
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<220>
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<400> 1370

<211> 11
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<220>
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<400> 1371
 Met Tyr Arg Ser Pro Ser Gln Phe Glu Asn Leu
 1 5 10

<210> 1372
 <211> 11
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<220>
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<400> 1372
 Met Tyr Arg Ser Pro Ser Gln Tyr Glu Asn Leu
 1 5 10

<210> 1373
 <211> 11
 <212> PRT
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<220>
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<400> 1373
 Met Tyr Arg Ser Pro Ser Gln Trp Glu Asn Leu
 1 5 10

<210> 1374
 <211> 11
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 <213> Artificial Sequence

<220>
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<400> 1374
 Met Tyr Arg Ser Pro Ser His Pro Glu Asn Leu
 1 5 10

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<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1375

Met Tyr Arg Ser Pro Ser His Phe Glu Asn Leu
1 5 10

<210> 1376

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1376

Met Tyr Arg Ser Pro Ser His Tyr Glu Asn Leu
1 5 10

<210> 1377

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1377

Met Tyr Arg Ser Pro Ser His Trp Glu Asn Leu
1 5 10

<210> 1378

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1378

Met Tyr Ser Ser Pro Ser Met Pro Glu Asn Leu
1 5 10

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1379

Met Tyr Ser Ser Pro Ser Met Phe Glu Asn Leu
1 5 10

<210> 1380

<211> 11

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<223> Description of Artificial Sequence: Synthetic peptide

<400> 1380

Met Tyr Ser Ser Pro Ser Met Tyr Glu Asn Leu
1 5 10

<210> 1381

<211> 11

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<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1381

Met Tyr Ser Ser Pro Ser Met Trp Glu Asn Leu
1 5 10

<210> 1382

<211> 11

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<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1382

Met Tyr Ser Ser Pro Ser Phe Pro Glu Asn Leu
1 5 10

<210> 1383

<211> 11

peptide

<400> 1383

Met	Tyr	Ser	Ser	Pro	Ser	Phe	Phe	Glu	Asn	Leu
1				5					10	

<210> 1384

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

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<400> 1384

Met	Tyr	Ser	Ser	Pro	Ser	Phe	Tyr	Glu	Asn	Leu
1				5					10	

<210> 1385

<211> 11

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<400> 1385

Met	Tyr	Ser	Ser	Pro	Ser	Phe	Trp	Glu	Asn	Leu
1				5					10	

<210> 1386

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1386

Met	Tyr	Ser	Ser	Pro	Ser	Tyr	Pro	Glu	Asn	Leu
1				5					10	

<210> 1387

<211> 11

<212> PRT

<213> Artificial Sequence

<400> 1387

Met Tyr Ser Ser Pro Ser Tyr Phe Glu Asn Leu
1 5 10

<210> 1388

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1388

Met Tyr Ser Ser Pro Ser Tyr Tyr Glu Asn Leu
1 5 10

<210> 1389

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1389

Met Tyr Ser Ser Pro Ser Tyr Trp Glu Asn Leu
1 5 10

<210> 1390

<211> 11

<212> PRT

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<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1390

Met Tyr Ser Ser Pro Ser Asp Pro Glu Asn Leu
1 5 10

<210> 1391

<211> 11

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<220>

1

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<210> 1392

<211> 11

<212> PRT

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<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1392

Met Tyr Ser Ser Pro Ser Asp Tyr Glu Asn Leu

1

5

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<210> 1393

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1393

Met Tyr Ser Ser Pro Ser Asp Trp Glu Asn Leu

1

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10

<210> 1394

<211> 11

<212> PRT

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<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1394

Met Tyr Ser Ser Pro Ser Glu Pro Glu Asn Leu

1

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<210> 1395

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

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<210> 1396
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<220>
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<400> 1396
 Met Tyr Ser Ser Pro Ser Glu Tyr Glu Asn Leu
 1 5 10

<210> 1397
 <211> 11
 <212> PRT
 <213> Artificial Sequence

<220>
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<400> 1397
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 1 5 10

<210> 1398
 <211> 11
 <212> PRT
 <213> Artificial Sequence

<220>
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<400> 1398
 Met Tyr Ser Ser Pro Ser Asn Pro Glu Asn Leu
 1 5 10

<210> 1399
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 <212> PRT
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<220>
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<400> 1399

<211> 11
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<220>
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 peptide

<400> 1400
 Met Tyr Ser Ser Pro Ser Asn Tyr Glu Asn Leu
 1 5 10

<210> 1401
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 <212> PRT
 <213> Artificial Sequence

<220>
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 peptide

<400> 1401
 Met Tyr Ser Ser Pro Ser Asn Trp Glu Asn Leu
 1 5 10

<210> 1402
 <211> 11
 <212> PRT
 <213> Artificial Sequence

<220>
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 peptide

<400> 1402
 Met Tyr Ser Ser Pro Ser Gln Pro Glu Asn Leu
 1 5 10

<210> 1403
 <211> 11
 <212> PRT
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<220>
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 peptide

<400> 1403
 Met Tyr Ser Ser Pro Ser Gln Phe Glu Asn Leu
 1 5 10

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1404

Met Tyr Ser Ser Pro Ser Gln Tyr Glu Asn Leu
1 5 10

<210> 1405

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1405

Met Tyr Ser Ser Pro Ser Gln Trp Glu Asn Leu
1 5 10

<210> 1406

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1406

Met Tyr Ser Ser Pro Ser His Pro Glu Asn Leu
1 5 10

<210> 1407

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1407

Met Tyr Ser Ser Pro Ser His Phe Glu Asn Leu
1 5 10

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1408

Met Tyr Ser Ser Pro Ser His Tyr Glu Asn Leu
1 5 10

<210> 1409

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1409

Met Tyr Ser Ser Pro Ser His Trp Glu Asn Leu
1 5 10

<210> 1410

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1410

Met Tyr Thr Ser Pro Ser Met Pro Glu Asn Leu
1 5 10

<210> 1411

<211> 11

<212> PRT

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<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1411

Met Tyr Thr Ser Pro Ser Met Phe Glu Asn Leu
1 5 10

<210> 1412

<211> 11

peptide

<400> 1412

Met	Tyr	Thr	Ser	Pro	Ser	Met	Tyr	Glu	Asn	Leu
1				5					10	

<210> 1413

<211> 11

<212> PRT

<213> Artificial Sequence

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<223> Description of Artificial Sequence: Synthetic peptide

<400> 1413

Met	Tyr	Thr	Ser	Pro	Ser	Met	Trp	Glu	Asn	Leu
1				5					10	

<210> 1414

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1414

Met	Tyr	Thr	Ser	Pro	Ser	Phe	Pro	Glu	Asn	Leu
1				5					10	

<210> 1415

<211> 11

<212> PRT

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<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1415

Met	Tyr	Thr	Ser	Pro	Ser	Phe	Phe	Glu	Asn	Leu
1				5					10	

<210> 1416

<211> 11

<212> PRT

<213> Artificial Sequence

<400> 1416

Met	Tyr	Thr	Ser	Pro	Ser	Phe	Tyr	Glu	Asn	Leu
1					5				10	

<210> 1417

<211> 11

<212> PRT

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<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1417

Met	Tyr	Thr	Ser	Pro	Ser	Phe	Trp	Glu	Asn	Leu
1					5				10	

<210> 1418

<211> 11

<212> PRT

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<223> Description of Artificial Sequence: Synthetic peptide

<400> 1418

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1					5				10	

<210> 1419

<211> 11

<212> PRT

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<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1419

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<210> 1420

<211> 11

<212> PRT

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<220>

1

5

10

<210> 1421

<211> 11

<212> PRT

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<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1421

Met Tyr Thr Ser Pro Ser Tyr Trp Glu Asn Leu

1

5

10

<210> 1422

<211> 11

<212> PRT

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<223> Description of Artificial Sequence: Synthetic peptide

<400> 1422

Met Tyr Thr Ser Pro Ser Asp Pro Glu Asn Leu

1

5

10

<210> 1423

<211> 11

<212> PRT

<213> Artificial Sequence

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<223> Description of Artificial Sequence: Synthetic peptide

<400> 1423

Met Tyr Thr Ser Pro Ser Asp Phe Glu Asn Leu

1

5

10

<210> 1424

<211> 11

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<210> 1425
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<220>
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 peptide

<400> 1425
 Met Tyr Thr Ser Pro Ser Asp Trp Glu Asn Leu
 1 5 10

<210> 1426
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 peptide

<400> 1426
 Met Tyr Thr Ser Pro Ser Glu Pro Glu Asn Leu
 1 5 10

<210> 1427
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 peptide

<400> 1427
 Met Tyr Thr Ser Pro Ser Glu Phe Glu Asn Leu
 1 5 10

<210> 1428
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 peptide

<400> 1428

<211> 11
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 peptide

<400> 1429
 Met Tyr Thr Ser Pro Ser Glu Trp Glu Asn Leu
 1 5 10

<210> 1430
 <211> 11
 <212> PRT
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<220>
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 peptide

<400> 1430
 Met Tyr Thr Ser Pro Ser Asn Pro Glu Asn Leu
 1 5 10

<210> 1431
 <211> 11
 <212> PRT
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<220>
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 peptide

<400> 1431
 Met Tyr Thr Ser Pro Ser Asn Phe Glu Asn Leu
 1 5 10

<210> 1432
 <211> 11
 <212> PRT
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<220>
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 peptide

<400> 1432
 Met Tyr Thr Ser Pro Ser Asn Tyr Glu Asn Leu
 1 5 10

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1433

Met Tyr Thr Ser Pro Ser Asn Trp Glu Asn Leu
1 5 10

<210> 1434

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1434

Met Tyr Thr Ser Pro Ser Gln Pro Glu Asn Leu
1 5 10

<210> 1435

<211> 11

<212> PRT

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<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1435

Met Tyr Thr Ser Pro Ser Gln Phe Glu Asn Leu
1 5 10

<210> 1436

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1436

Met Tyr Thr Ser Pro Ser Gln Tyr Glu Asn Leu
1 5 10

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1437

Met Tyr Thr Ser Pro Ser Gln Trp Glu Asn Leu
 1 5 10

<210> 1438

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1438

Met Tyr Thr Ser Pro Ser His Pro Glu Asn Leu
 1 5 10

<210> 1439

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1439

Met Tyr Thr Ser Pro Ser His Phe Glu Asn Leu
 1 5 10

<210> 1440

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1440

Met Tyr Thr Ser Pro Ser His Tyr Glu Asn Leu
 1 5 10

<210> 1441

<211> 11

peptide

<400> 1441

Met	Tyr	Thr	Ser	Pro	Ser	His	Trp	Glu	Asn	Leu
1				5					10	

<210> 1442

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1442

Met	Tyr	His	Ser	Pro	Ser	Met	Pro	Glu	Asn	Leu
1				5					10	

<210> 1443

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1443

Met	Tyr	His	Ser	Pro	Ser	Met	Phe	Glu	Asn	Leu
1				5					10	

<210> 1444

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1444

Met	Tyr	His	Ser	Pro	Ser	Met	Tyr	Glu	Asn	Leu
1				5					10	

<210> 1445

<211> 11

<212> PRT

<213> Artificial Sequence

<400> 1445
 Met Tyr His Ser Pro Ser Met Trp Glu Asn Leu
 1 5 10

<210> 1446
 <211> 11
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 peptide

<400> 1446
 Met Tyr His Ser Pro Ser Phe Pro Glu Asn Leu
 1 5 10

<210> 1447
 <211> 11
 <212> PRT
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<220>
 <223> Description of Artificial Sequence: Synthetic
 peptide

<400> 1447
 Met Tyr His Ser Pro Ser Phe Phe Glu Asn Leu
 1 5 10

<210> 1448
 <211> 11
 <212> PRT
 <213> Artificial Sequence

<220>
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 peptide

<400> 1448
 Met Tyr His Ser Pro Ser Phe Tyr Glu Asn Leu
 1 5 10

<210> 1449
 <211> 11
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1 5 10

<210> 1450

<211> 11

<212> PRT

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<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1450

Met Tyr His Ser Pro Ser Tyr Pro Glu Asn Leu

1

5

10

<210> 1451

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1451

Met Tyr His Ser Pro Ser Tyr Phe Glu Asn Leu

1

5

10

<210> 1452

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1452

Met Tyr His Ser Pro Ser Tyr Tyr Glu Asn Leu

1

5

10

<210> 1453

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<210> 1454
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<220>
 <223> Description of Artificial Sequence: Synthetic peptide

<400> 1454
 Met Tyr His Ser Pro Ser Asp Pro Glu Asn Leu
 1 5 10

<210> 1455
 <211> 11
 <212> PRT
 <213> Artificial Sequence

<220>
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<400> 1455
 Met Tyr His Ser Pro Ser Asp Phe Glu Asn Leu
 1 5 10

<210> 1456
 <211> 11
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 <213> Artificial Sequence

<220>
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<400> 1456
 Met Tyr His Ser Pro Ser Asp Tyr Glu Asn Leu
 1 5 10

<210> 1457
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<220>
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<400> 1457
 Met Tyr His Ser Pro Ser Asp Tyr Glu Asn Leu

<211> 11
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<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1458

Met Tyr His Ser Pro Ser Glu Pro Glu Asn Leu
 1 5 10

<210> 1459

<211> 11
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<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1459

Met Tyr His Ser Pro Ser Glu Phe Glu Asn Leu
 1 5 10

<210> 1460

<211> 11
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<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1460

Met Tyr His Ser Pro Ser Glu Tyr Glu Asn Leu
 1 5 10

<210> 1461

<211> 11
 <212> PRT
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<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1461

Met Tyr His Ser Pro Ser Glu Trp Glu Asn Leu
 1 5 10

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1462

Met Tyr His Ser Pro Ser Asn Pro Glu Asn Leu
1 5 10

<210> 1463

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1463

Met Tyr His Ser Pro Ser Asn Phe Glu Asn Leu
1 5 10

<210> 1464

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1464

Met Tyr His Ser Pro Ser Asn Tyr Glu Asn Leu
1 5 10

<210> 1465

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1465

Met Tyr His Ser Pro Ser Asn Trp Glu Asn Leu
1 5 10

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1466

Met Tyr His Ser Pro Ser Gln Pro Glu Asn Leu
1 5 10

<210> 1467

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1467

Met Tyr His Ser Pro Ser Gln Phe Glu Asn Leu
1 5 10

<210> 1468

<211> 11

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<223> Description of Artificial Sequence: Synthetic peptide

<400> 1468

Met Tyr His Ser Pro Ser Gln Tyr Glu Asn Leu
1 5 10

<210> 1469

<211> 11

<212> PRT

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<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1469

Met Tyr His Ser Pro Ser Gln Trp Glu Asn Leu
1 5 10

<210> 1470

<211> 11

peptide

<400> 1470

Met	Tyr	His	Ser	Pro	Ser	His	Pro	Glu	Asn	Leu
1				5					10	

<210> 1471

<211> 11

<212> PRT

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<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1471

Met	Tyr	His	Ser	Pro	Ser	His	Phe	Glu	Asn	Leu
1				5					10	

<210> 1472

<211> 11

<212> PRT

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<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1472

Met	Tyr	His	Ser	Pro	Ser	His	Tyr	Glu	Asn	Leu
1				5					10	

<210> 1473

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1473

Met	Tyr	His	Ser	Pro	Ser	His	Trp	Glu	Asn	Leu
1				5					10	

<210> 1474

<211> 11

<212> PRT

<213> Artificial Sequence

<400> 1474
 Met Tyr Asn Ser Pro Ser Met Pro Glu Asn Leu
 1 5 10

<210> 1475
 <211> 11
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 peptide

<400> 1475
 Met Tyr Asn Ser Pro Ser Met Phe Glu Asn Leu
 1 5 10

<210> 1476
 <211> 11
 <212> PRT
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<220>
 <223> Description of Artificial Sequence: Synthetic
 peptide

<400> 1476
 Met Tyr Asn Ser Pro Ser Met Tyr Glu Asn Leu
 1 5 10

<210> 1477
 <211> 11
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 peptide

<400> 1477
 Met Tyr Asn Ser Pro Ser Met Trp Glu Asn Leu
 1 5 10

<210> 1478
 <211> 11
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<220>

1 5 10

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<223> Description of Artificial Sequence: Synthetic peptide

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Met Tyr Asn Ser Pro Ser Phe Phe Glu Asn Leu

1 5 10

<210> 1480

<211> 11

<212> PRT

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<223> Description of Artificial Sequence: Synthetic peptide

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Met Tyr Asn Ser Pro Ser Phe Tyr Glu Asn Leu

1 5 10

<210> 1481

<211> 11

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<223> Description of Artificial Sequence: Synthetic peptide

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Met Tyr Asn Ser Pro Ser Phe Trp Glu Asn Leu

1 5 10

<210> 1482

<211> 11

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<223> Description of Artificial Sequence: Synthetic peptide

<210> 1483
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 Met Tyr Asn Ser Pro Ser Tyr Phe Glu Asn Leu
 1 5 10

<210> 1484
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 1 5 10

<210> 1485
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 Met Tyr Asn Ser Pro Ser Tyr Trp Glu Asn Leu
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<400> 1487

Met Tyr Asn Ser Pro Ser Asp Phe Glu Asn Leu
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<210> 1488

<211> 11
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 1 5 10

<210> 1489

<211> 11
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<400> 1491

Met Tyr Asn Ser Pro Ser Glu Phe Glu Asn Leu
 1 5 10

<210> 1492

<211> 11

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<223> Description of Artificial Sequence: Synthetic peptide

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 1 5 10

<210> 1493

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<223> Description of Artificial Sequence: Synthetic peptide

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Met Tyr Asn Ser Pro Ser Glu Trp Glu Asn Leu
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<210> 1494

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<400> 1494

Met Tyr Asn Ser Pro Ser Asn Pro Glu Asn Leu
 1 5 10

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<223> Description of Artificial Sequence: Synthetic peptide

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Met Tyr Asn Ser Pro Ser Asn Phe Glu Asn Leu
1 5 10

<210> 1496

<211> 11

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<223> Description of Artificial Sequence: Synthetic peptide

<400> 1496

Met Tyr Asn Ser Pro Ser Asn Tyr Glu Asn Leu
1 5 10

<210> 1497

<211> 11

<212> PRT

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<223> Description of Artificial Sequence: Synthetic peptide

<400> 1497

Met Tyr Asn Ser Pro Ser Asn Trp Glu Asn Leu
1 5 10

<210> 1498

<211> 11

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<223> Description of Artificial Sequence: Synthetic peptide

<400> 1498

Met Tyr Asn Ser Pro Ser Gln Pro Glu Asn Leu
1 5 10

<210> 1499

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<400> 1499

Met	Tyr	Asn	Ser	Pro	Ser	Gln	Phe	Glu	Asn	Leu
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<210> 1500

<211> 11

<212> PRT

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Met	Tyr	Asn	Ser	Pro	Ser	Gln	Tyr	Glu	Asn	Leu
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<210> 1501

<211> 11

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1				5					10	

<210> 1502

<211> 11

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1				5					10	

<210> 1503

<211> 11

<212> PRT

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<400> 1503

Met Tyr Asn Ser Pro Ser His Phe Glu Asn Leu
 1 5 10

<210> 1504

<211> 11

<212> PRT

<213> Artificial Sequence

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<223> Description of Artificial Sequence: Synthetic peptide

<400> 1504

Met Tyr Asn Ser Pro Ser His Tyr Glu Asn Leu
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<210> 1505

<211> 11

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<223> Description of Artificial Sequence: Synthetic peptide

<400> 1505

Met Tyr Asn Ser Pro Ser His Trp Glu Asn Leu
 1 5 10

<210> 1506

<211> 11

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<223> Description of Artificial Sequence: Synthetic peptide

<400> 1506

Met Tyr Gly Ser Pro Ser Met Pro Glu Asn Leu
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<210> 1507

<211> 11

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1 5 10

<210> 1508

<211> 11

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<223> Description of Artificial Sequence: Synthetic peptide

<400> 1508

Met Tyr Gly Ser Pro Ser Met Tyr Glu Asn Leu

1 5 10

<210> 1509

<211> 11

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<223> Description of Artificial Sequence: Synthetic peptide

<400> 1509

Met Tyr Gly Ser Pro Ser Met Trp Glu Asn Leu

1 5 10

<210> 1510

<211> 11

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<223> Description of Artificial Sequence: Synthetic peptide

<400> 1510

Met Tyr Gly Ser Pro Ser Phe Pro Glu Asn Leu

1 5 10

<210> 1511

<211> 11

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<223> Description of Artificial Sequence: Synthetic peptide

<210> 1512
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<400> 1512
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 1 5 10

<210> 1513
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 peptide

<400> 1513
 Met Tyr Gly Ser Pro Ser Phe Trp Glu Asn Leu
 1 5 10

<210> 1514
 <211> 11
 <212> PRT
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<400> 1514
 Met Tyr Gly Ser Pro Ser Tyr Pro Glu Asn Leu
 1 5 10

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<400> 1515

<211> 11
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 peptide

<400> 1516
 Met Tyr Gly Ser Pro Ser Tyr Tyr Glu Asn Leu
 1 5 10

<210> 1517
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 peptide

<400> 1517
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<210> 1518
 <211> 11
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<400> 1518
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 1 5 10

<210> 1519
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<400> 1519
 Met Tyr Gly Ser Pro Ser Asp Phe Glu Asn Leu
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<223> Description of Artificial Sequence: Synthetic peptide

<400> 1520

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1 5 10

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<211> 11

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<400> 1521

Met Tyr Gly Ser Pro Ser Asp Trp Glu Asn Leu
1 5 10

<210> 1522

<211> 11

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<223> Description of Artificial Sequence: Synthetic peptide

<400> 1522

Met Tyr Gly Ser Pro Ser Glu Pro Glu Asn Leu
1 5 10

<210> 1523

<211> 11

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<223> Description of Artificial Sequence: Synthetic peptide

<400> 1523

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1 5 10

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1524

Met Tyr Gly Ser Pro Ser Glu Tyr Glu Asn Leu
1 5 10

<210> 1525

<211> 11

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1 5 10

<210> 1526

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1526

Met Tyr Gly Ser Pro Ser Asn Pro Glu Asn Leu
1 5 10

<210> 1527

<211> 11

<212> PRT

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<223> Description of Artificial Sequence: Synthetic peptide

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Met Tyr Gly Ser Pro Ser Asn Phe Glu Asn Leu
1 5 10

<210> 1528

<211> 11

peptide

<400> 1528

Met Tyr Gly Ser Pro Ser Asn Tyr Glu Asn Leu
1 5 10

<210> 1529

<211> 11

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<220>

<223> Description of Artificial Sequence: Synthetic
peptide

<400> 1529

Met Tyr Gly Ser Pro Ser Asn Trp Glu Asn Leu
1 5 10

<210> 1530

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
peptide

<400> 1530

Met Tyr Gly Ser Pro Ser Gln Pro Glu Asn Leu
1 5 10

<210> 1531

<211> 11

<212> PRT

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peptide

<400> 1531

Met Tyr Gly Ser Pro Ser Gln Phe Glu Asn Leu
1 5 10

<210> 1532

<211> 11

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<400> 1532
 Met Tyr Gly Ser Pro Ser Gln Tyr Glu Asn Leu
 1 5 10

<210> 1533
 <211> 11
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 peptide

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 1 5 10

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 peptide

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1

5

10

<210> 1537

<211> 11

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<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1537

Met Tyr Gly Ser Pro Ser His Trp Glu Asn Leu

1

5

10

<210> 1538

<211> 11

<212> PRT

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<223> Description of Artificial Sequence: Synthetic peptide

<400> 1538

Met Tyr Ala Ser Pro Ser Met Pro Glu Asn Leu

1

5

10

<210> 1539

<211> 11

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<223> Description of Artificial Sequence: Synthetic peptide

<400> 1539

Met Tyr Ala Ser Pro Ser Met Phe Glu Asn Leu

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5

10

<210> 1540

<211> 11

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<210> 1541
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 peptide

<400> 1541
 Met Tyr Ala Ser Pro Ser Met Trp Glu Asn Leu
 1 5 10

<210> 1542
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 peptide

<400> 1542
 Met Tyr Ala Ser Pro Ser Phe Pro Glu Asn Leu
 1 5 10

<210> 1543
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 peptide

<400> 1543
 Met Tyr Ala Ser Pro Ser Phe Phe Glu Asn Leu
 1 5 10

<210> 1544
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 <223> Description of Artificial Sequence: Synthetic
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<400> 1544

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<220>
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      1              5              10
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<210> 1546
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<220>
<223> Description of Artificial Sequence: Synthetic peptide

<400> 1546
Met Tyr Ala Ser Pro Ser Tyr Pro Glu Asn Leu
1 5 10

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<211> 11
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<223> Description of Artificial Sequence: Synthetic
      peptide
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<400> 1547
Met Tyr Ala Ser Pro Ser Tyr Phe Glu Asn Leu
      1              5              10
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<210> 1548
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<223> Description of Artificial Sequence: Synthetic peptide

<400> 1548
Met Tyr Ala Ser Pro Ser Tyr Tyr Glu Asn Leu
1 5 10

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1549

Met Tyr Ala Ser Pro Ser Tyr Trp Glu Asn Leu
1 5 10

<210> 1550

<211> 11

<212> PRT

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<220>

<223> Description of Artificial Sequence: Synthetic peptide

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Met Tyr Ala Ser Pro Ser Asp Pro Glu Asn Leu
1 5 10

<210> 1551

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1551

Met Tyr Ala Ser Pro Ser Asp Phe Glu Asn Leu
1 5 10

<210> 1552

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1552

Met Tyr Ala Ser Pro Ser Asp Tyr Glu Asn Leu
1 5 10

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1553

Met Tyr Ala Ser Pro Ser Asp Trp Glu Asn Leu
1 5 10

<210> 1554

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1554

Met Tyr Ala Ser Pro Ser Glu Pro Glu Asn Leu
1 5 10

<210> 1555

<211> 11

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<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1555

Met Tyr Ala Ser Pro Ser Glu Phe Glu Asn Leu
1 5 10

<210> 1556

<211> 11

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<223> Description of Artificial Sequence: Synthetic peptide

<400> 1556

Met Tyr Ala Ser Pro Ser Glu Tyr Glu Asn Leu
1 5 10

<210> 1557

<211> 11

peptide

<400> 1557

Met	Tyr	Ala	Ser	Pro	Ser	Glu	Trp	Glu	Asn	Leu
1				5					10	

<210> 1558

<211> 11

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peptide

<400> 1558

Met	Tyr	Ala	Ser	Pro	Ser	Asn	Pro	Glu	Asn	Leu
1				5					10	

<210> 1559

<211> 11

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<223> Description of Artificial Sequence: Synthetic
peptide

<400> 1559

Met	Tyr	Ala	Ser	Pro	Ser	Asn	Phe	Glu	Asn	Leu
1				5					10	

<210> 1560

<211> 11

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<223> Description of Artificial Sequence: Synthetic
peptide

<400> 1560

Met	Tyr	Ala	Ser	Pro	Ser	Asn	Tyr	Glu	Asn	Leu
1				5					10	

<210> 1561

<211> 11

<212> PRT

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<400> 1561
Met Tyr Ala Ser Pro Ser Asn Trp Glu Asn Leu
1 5 10

<210> 1562
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
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peptide

<400> 1562
Met Tyr Ala Ser Pro Ser Gln Pro Glu Asn Leu
1 5 10

<210> 1563
<211> 11
<212> PRT
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<220>
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peptide

<400> 1563
Met Tyr Ala Ser Pro Ser Gln Phe Glu Asn Leu
1 5 10

<210> 1564
<211> 11
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peptide

<400> 1564
Met Tyr Ala Ser Pro Ser Gln Tyr Glu Asn Leu
1 5 10

<210> 1565
<211> 11
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<220>

1 5 10

<210> 1566

<211> 11

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<220>

<223> Description of Artificial Sequence: Synthetic
peptide

<400> 1566

Met Tyr Ala Ser Pro Ser His Pro Glu Asn Leu

1 5 10

<210> 1567

<211> 11

<212> PRT

<213> Artificial Sequence

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<223> Description of Artificial Sequence: Synthetic
peptide

<400> 1567

Met Tyr Ala Ser Pro Ser His Phe Glu Asn Leu

1 5 10

<210> 1568

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
peptide

<400> 1568

Met Tyr Ala Ser Pro Ser His Tyr Glu Asn Leu

1 5 10

<210> 1569

<211> 11

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<223> Description of Artificial Sequence: Synthetic
peptide

<210> 1570
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 peptide

<400> 1570
 Met Phe Arg Ser Pro Ser Met Pro Glu Asn Leu
 1 5 10

<210> 1571
 <211> 11
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<220>
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 peptide

<400> 1571
 Met Phe Arg Ser Pro Ser Met Phe Glu Asn Leu
 1 5 10

<210> 1572
 <211> 11
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<220>
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 peptide

<400> 1572
 Met Phe Arg Ser Pro Ser Met Tyr Glu Asn Leu
 1 5 10

<210> 1573
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<220>
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 peptide

<400> 1573
 Met Phe Arg Ser Pro Ser Met Tyr Glu Asn Leu

<211> 11
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<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1574

Met Phe Arg Ser Pro Ser Phe Pro Glu Asn Leu
 1 5 10

<210> 1575

<211> 11
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<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1575

Met Phe Arg Ser Pro Ser Phe Phe Glu Asn Leu
 1 5 10

<210> 1576

<211> 11
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<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1576

Met Phe Arg Ser Pro Ser Phe Tyr Glu Asn Leu
 1 5 10

<210> 1577

<211> 11
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<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1577

Met Phe Arg Ser Pro Ser Phe Trp Glu Asn Leu
 1 5 10

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1578

Met Phe Arg Ser Pro Ser Tyr Pro Glu Asn Leu
1 5 10

<210> 1579

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1579

Met Phe Arg Ser Pro Ser Tyr Phe Glu Asn Leu
1 5 10

<210> 1580

<211> 11

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<223> Description of Artificial Sequence: Synthetic peptide

<400> 1580

Met Phe Arg Ser Pro Ser Tyr Tyr Glu Asn Leu
1 5 10

<210> 1581

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1581

Met Phe Arg Ser Pro Ser Tyr Trp Glu Asn Leu
1 5 10

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1582

Met Phe Arg Ser Pro Ser Asp Pro Glu Asn Leu
 1 5 10

<210> 1583

<211> 11

<212> PRT

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<223> Description of Artificial Sequence: Synthetic peptide

<400> 1583

Met Phe Arg Ser Pro Ser Asp Phe Glu Asn Leu
 1 5 10

<210> 1584

<211> 11

<212> PRT

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<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1584

Met Phe Arg Ser Pro Ser Asp Tyr Glu Asn Leu
 1 5 10

<210> 1585

<211> 11

<212> PRT

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<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1585

Met Phe Arg Ser Pro Ser Asp Trp Glu Asn Leu
 1 5 10

<210> 1586

<211> 11

peptide

<400> 1586

Met	Phe	Arg	Ser	Pro	Ser	Glu	Pro	Glu	Asn	Leu
1				5					10	

<210> 1587

<211> 11

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<400> 1587

Met	Phe	Arg	Ser	Pro	Ser	Glu	Phe	Glu	Asn	Leu
1				5					10	

<210> 1588

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<400> 1588

Met	Phe	Arg	Ser	Pro	Ser	Glu	Tyr	Glu	Asn	Leu
1				5					10	

<210> 1589

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<400> 1589

Met	Phe	Arg	Ser	Pro	Ser	Glu	Tyr	Glu	Asn	Leu
1				5					10	

<210> 1590

<211> 11

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<400> 1590

Met Phe Arg Ser Pro Ser Asn Pro Glu Asn Leu
1 5 10

<210> 1591

<211> 11

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<223> Description of Artificial Sequence: Synthetic
peptide

<400> 1591

Met Phe Arg Ser Pro Ser Asn Phe Glu Asn Leu
1 5 10

<210> 1592

<211> 11

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<223> Description of Artificial Sequence: Synthetic
peptide

<400> 1592

Met Phe Arg Ser Pro Ser Asn Tyr Glu Asn Leu
1 5 10

<210> 1593

<211> 11

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peptide

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Met Phe Arg Ser Pro Ser Asn Trp Glu Asn Leu
1 5 10

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<211> 11

<212> PRT

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<210> 1595

<211> 11

<212> PRT

<213> Artificial Sequence

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<223> Description of Artificial Sequence: Synthetic peptide

<400> 1595

Met Phe Arg Ser Pro Ser Gln Phe Glu Asn Leu

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<210> 1596

<211> 11

<212> PRT

<213> Artificial Sequence

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<400> 1596

Met Phe Arg Ser Pro Ser Gln Tyr Glu Asn Leu

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<210> 1597

<211> 11

<212> PRT

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<223> Description of Artificial Sequence: Synthetic peptide

<400> 1597

Met Phe Arg Ser Pro Ser Gln Trp Glu Asn Leu

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<210> 1598

<211> 11

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peptide

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1 5 10

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1 5 10

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1 5 10

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<400> 1602

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 1 5 10

<210> 1604
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 Met Phe Ser Ser Pro Ser Met Tyr Glu Asn Leu
 1 5 10

<210> 1605
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<220>
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<400> 1605
 Met Phe Ser Ser Pro Ser Met Trp Glu Asn Leu
 1 5 10

<210> 1606
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<220>
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<400> 1606
 Met Phe Ser Ser Pro Ser Phe Pro Glu Asn Leu
 1 5 10

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1607

Met Phe Ser Ser Pro Ser Phe Phe Glu Asn Leu
1 5 10

<210> 1608

<211> 11

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<223> Description of Artificial Sequence: Synthetic peptide

<400> 1608

Met Phe Ser Ser Pro Ser Phe Tyr Glu Asn Leu
1 5 10

<210> 1609

<211> 11

<212> PRT

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<223> Description of Artificial Sequence: Synthetic peptide

<400> 1609

Met Phe Ser Ser Pro Ser Phe Trp Glu Asn Leu
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<210> 1610

<211> 11

<212> PRT

<213> Artificial Sequence

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<400> 1610

Met Phe Ser Ser Pro Ser Tyr Pro Glu Asn Leu
1 5 10

<220>
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<400> 1611
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 1 5 10

<210> 1612
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<400> 1612
 Met Phe Ser Ser Pro Ser Tyr Tyr Glu Asn Leu
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<210> 1613
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 Met Phe Ser Ser Pro Ser Tyr Trp Glu Asn Leu
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<210> 1614
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<210> 1615
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peptide

<400> 1615

Met	Phe	Ser	Ser	Pro	Ser	Asp	Phe	Glu	Asn	Leu
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<210> 1616

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<210> 1617

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<223> Description of Artificial Sequence: Synthetic peptide

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<210> 1618

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<223> Description of Artificial Sequence: Synthetic peptide

<400> 1618

Met	Phe	Ser	Ser	Pro	Ser	Glu	Pro	Glu	Asn	Leu
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<210> 1619

<211> 11

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<400> 1619

Met Phe Ser Ser Pro Ser Glu Phe Glu Asn Leu
 1 5 10

<210> 1620

<211> 11

<212> PRT

<213> Artificial Sequence

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<223> Description of Artificial Sequence: Synthetic
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<400> 1620

Met Phe Ser Ser Pro Ser Glu Tyr Glu Asn Leu
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<210> 1621

<211> 11

<212> PRT

<213> Artificial Sequence

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<223> Description of Artificial Sequence: Synthetic
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<400> 1621

Met Phe Ser Ser Pro Ser Glu Trp Glu Asn Leu
 1 5 10

<210> 1622

<211> 11

<212> PRT

<213> Artificial Sequence

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<223> Description of Artificial Sequence: Synthetic
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<400> 1622

Met Phe Ser Ser Pro Ser Asn Pro Glu Asn Leu
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<210> 1623

<211> 11

<212> PRT

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<210> 1624

<211> 11

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<220>

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peptide

<400> 1624

Met Phe Ser Ser Pro Ser Asn Tyr Glu Asn Leu

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<210> 1625

<211> 11

<212> PRT

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<223> Description of Artificial Sequence: Synthetic
peptide

<400> 1625

Met Phe Ser Ser Pro Ser Asn Trp Glu Asn Leu

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<210> 1626

<211> 11

<212> PRT

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<223> Description of Artificial Sequence: Synthetic
peptide

<400> 1626

Met Phe Ser Ser Pro Ser Gln Pro Glu Asn Leu

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<210> 1627

<211> 11

<212> PRT

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<223> Description of Artificial Sequence: Synthetic
peptide

<210> 1628
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peptide

<400> 1628
Met Phe Ser Ser Pro Ser Gln Tyr Glu Asn Leu
1 5 10

<210> 1629
<211> 11
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peptide

<400> 1629
Met Phe Ser Ser Pro Ser Gln Trp Glu Asn Leu
1 5 10

<210> 1630
<211> 11
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peptide

<400> 1630
Met Phe Ser Ser Pro Ser His Pro Glu Asn Leu
1 5 10

<210> 1631
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peptide

<400> 1631

<211> 11
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<223> Description of Artificial Sequence: Synthetic peptide

<400> 1632

Met Phe Ser Ser Pro Ser His Tyr Glu Asn Leu
 1 5 10

<210> 1633

<211> 11
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<223> Description of Artificial Sequence: Synthetic peptide

<400> 1633

Met Phe Ser Ser Pro Ser His Trp Glu Asn Leu
 1 5 10

<210> 1634

<211> 11
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<223> Description of Artificial Sequence: Synthetic peptide

<400> 1634

Met Phe Thr Ser Pro Ser Met Pro Glu Asn Leu
 1 5 10

<210> 1635

<211> 11
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<223> Description of Artificial Sequence: Synthetic peptide

<400> 1635

Met Phe Thr Ser Pro Ser Met Phe Glu Asn Leu
 1 5 10

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1636

Met Phe Thr Ser Pro Ser Met Tyr Glu Asn Leu
1 5 10

<210> 1637

<211> 11

<212> PRT

<213> Artificial Sequence

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<223> Description of Artificial Sequence: Synthetic peptide

<400> 1637

Met Phe Thr Ser Pro Ser Met Trp Glu Asn Leu
1 5 10

<210> 1638

<211> 11

<212> PRT

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<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1638

Met Phe Thr Ser Pro Ser Phe Pro Glu Asn Leu
1 5 10

<210> 1639

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1639

Met Phe Thr Ser Pro Ser Phe Phe Glu Asn Leu
1 5 10

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1640

Met Phe Thr Ser Pro Ser Phe Tyr Glu Asn Leu
 1 5 10

<210> 1641

<211> 11

<212> PRT

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<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1641

Met Phe Thr Ser Pro Ser Phe Trp Glu Asn Leu
 1 5 10

<210> 1642

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1642

Met Phe Thr Ser Pro Ser Tyr Pro Glu Asn Leu
 1 5 10

<210> 1643

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1643

Met Phe Thr Ser Pro Ser Tyr Phe Glu Asn Leu
 1 5 10

<210> 1644

<211> 11

peptide

<400> 1644

Met	Phe	Thr	Ser	Pro	Ser	Tyr	Tyr	Glu	Asn	Leu
1				5					10	

<210> 1645

<211> 11

<212> PRT

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<223> Description of Artificial Sequence: Synthetic peptide

<400> 1645

Met	Phe	Thr	Ser	Pro	Ser	Tyr	Trp	Glu	Asn	Leu
1				5					10	

<210> 1646

<211> 11

<212> PRT

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<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1646

Met	Phe	Thr	Ser	Pro	Ser	Asp	Pro	Glu	Asn	Leu
1				5					10	

<210> 1647

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1647

Met	Phe	Thr	Ser	Pro	Ser	Asp	Phe	Glu	Asn	Leu
1				5					10	

<210> 1648

<211> 11

<212> PRT

<213> Artificial Sequence

<400> 1648
 Met Phe Thr Ser Pro Ser Asp Tyr Glu Asn Leu
 1 5 10

<210> 1649
 <211> 11
 <212> PRT
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<220>
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 peptide

<400> 1649
 Met Phe Thr Ser Pro Ser Asp Trp Glu Asn Leu
 1 5 10

<210> 1650
 <211> 11
 <212> PRT
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<220>
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 peptide

<400> 1650
 Met Phe Thr Ser Pro Ser Glu Pro Glu Asn Leu
 1 5 10

<210> 1651
 <211> 11
 <212> PRT
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<220>
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<400> 1651
 Met Phe Thr Ser Pro Ser Glu Phe Glu Asn Leu
 1 5 10

<210> 1652
 <211> 11
 <212> PRT
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400

1

5

10

<210> 1653

<211> 11

<212> PRT

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<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1653

Met Phe Thr Ser Pro Ser Glu Trp Glu Asn Leu

1

5

10

<210> 1654

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1654

Met Phe Thr Ser Pro Ser Asn Pro Glu Asn Leu

1

5

10

<210> 1655

<211> 11

<212> PRT

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<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1655

Met Phe Thr Ser Pro Ser Asn Phe Glu Asn Leu

1

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<210> 1656

<211> 11

<212> PRT

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<223> Description of Artificial Sequence: Synthetic peptide

<210> 1657
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<220>
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peptide

<400> 1657
Met Phe Thr Ser Pro Ser Asn Trp Glu Asn Leu
1 5 10

<210> 1658
<211> 11
<212> PRT
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<220>
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peptide

<400> 1658
Met Phe Thr Ser Pro Ser Gln Pro Glu Asn Leu
1 5 10

<210> 1659
<211> 11
<212> PRT
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<220>
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peptide

<400> 1659
Met Phe Thr Ser Pro Ser Gln Phe Glu Asn Leu
1 5 10

<210> 1660
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peptide

<400> 1660

<211> 11
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<220>
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 peptide

<400> 1661
 Met Phe Thr Ser Pro Ser Gln Trp Glu Asn Leu
 1 5 10

<210> 1662
 <211> 11
 <212> PRT
 <213> Artificial Sequence

<220>
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 peptide

<400> 1662
 Met Phe Thr Ser Pro Ser His Pro Glu Asn Leu
 1 5 10

<210> 1663
 <211> 11
 <212> PRT
 <213> Artificial Sequence

<220>
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<400> 1663
 Met Phe Thr Ser Pro Ser His Phe Glu Asn Leu
 1 5 10

<210> 1664
 <211> 11
 <212> PRT
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<220>
 <223> Description of Artificial Sequence: Synthetic
 peptide

<400> 1664
 Met Phe Thr Ser Pro Ser His Tyr Glu Asn Leu
 1 5 10

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1665

Met Phe Thr Ser Pro Ser His Trp Glu Asn Leu
 1 5 10

<210> 1666

<211> 11

<212> PRT

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<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1666

Met Phe His Ser Pro Ser Met Pro Glu Asn Leu
 1 5 10

<210> 1667

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1667

Met Phe His Ser Pro Ser Met Phe Glu Asn Leu
 1 5 10

<210> 1668

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1668

Met Phe His Ser Pro Ser Met Tyr Glu Asn Leu
 1 5 10

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1669

Met Phe His Ser Pro Ser Met Trp Glu Asn Leu
1 5 10

<210> 1670

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1670

Met Phe His Ser Pro Ser Phe Pro Glu Asn Leu
1 5 10

<210> 1671

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1671

Met Phe His Ser Pro Ser Phe Phe Glu Asn Leu
1 5 10

<210> 1672

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1672

Met Phe His Ser Pro Ser Phe Tyr Glu Asn Leu
1 5 10

<210> 1673

<211> 11

peptide

<400> 1673

Met	Phe	His	Ser	Pro	Ser	Phe	Trp	Glu	Asn	Leu
1				5					10	

<210> 1674

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1674

Met	Phe	His	Ser	Pro	Ser	Tyr	Pro	Glu	Asn	Leu
1				5					10	

<210> 1675

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1675

Met	Phe	His	Ser	Pro	Ser	Tyr	Phe	Glu	Asn	Leu
1				5					10	

<210> 1676

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1676

Met	Phe	His	Ser	Pro	Ser	Tyr	Tyr	Glu	Asn	Leu
1				5					10	

<210> 1677

<211> 11

<212> PRT

<213> Artificial Sequence

<400> 1677

Met Phe His Ser Pro Ser Tyr Trp Glu Asn Leu
 1 5 10

<210> 1678

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1678

Met Phe His Ser Pro Ser Asp Pro Glu Asn Leu
 1 5 10

<210> 1679

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1679

Met Phe His Ser Pro Ser Asp Phe Glu Asn Leu
 1 5 10

<210> 1680

<211> 11

<212> PRT

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<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1680

Met Phe His Ser Pro Ser Asp Tyr Glu Asn Leu
 1 5 10

<210> 1681

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

1

5

10

<210> 1682

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
peptide

<400> 1682

Met Phe His Ser Pro Ser Glu Pro Glu Asn Leu

1

5

10

<210> 1683

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
peptide

<400> 1683

Met Phe His Ser Pro Ser Glu Phe Glu Asn Leu

1

5

10

<210> 1684

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
peptide

<400> 1684

Met Phe His Ser Pro Ser Glu Tyr Glu Asn Leu

1

5

10

<210> 1685

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
peptide

<210> 1686
<211> 11
<212> PRT
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<220>
<223> Description of Artificial Sequence: Synthetic
peptide

<400> 1686
Met Phe His Ser Pro Ser Asn Pro Glu Asn Leu
1 5 10

<210> 1687
<211> 11
<212> PRT
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<220>
<223> Description of Artificial Sequence: Synthetic
peptide

<400> 1687
Met Phe His Ser Pro Ser Asn Phe Glu Asn Leu
1 5 10

<210> 1688
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
peptide

<400> 1688
Met Phe His Ser Pro Ser Asn Tyr Glu Asn Leu
1 5 10

<210> 1689
<211> 11
<212> PRT
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<220>
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peptide

<400> 1689

<211> 11
 <212> PRT
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<220>
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 peptide

<400> 1690
 Met Phe His Ser Pro Ser Gln Pro Glu Asn Leu
 1 5 10

<210> 1691
 <211> 11
 <212> PRT
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<220>
 <223> Description of Artificial Sequence: Synthetic
 peptide

<400> 1691
 Met Phe His Ser Pro Ser Gln Phe Glu Asn Leu
 1 5 10

<210> 1692
 <211> 11
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 peptide

<400> 1692
 Met Phe His Ser Pro Ser Gln Tyr Glu Asn Leu
 1 5 10

<210> 1693
 <211> 11
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 peptide

<400> 1693
 Met Phe His Ser Pro Ser Gln Trp Glu Asn Leu
 1 5 10

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1694

Met Phe His Ser Pro Ser His Pro Glu Asn Leu
1 5 10

<210> 1695

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1695

Met Phe His Ser Pro Ser His Phe Glu Asn Leu
1 5 10

<210> 1696

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1696

Met Phe His Ser Pro Ser His Tyr Glu Asn Leu
1 5 10

<210> 1697

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1697

Met Phe His Ser Pro Ser His Trp Glu Asn Leu
1 5 10

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1698

Met Phe Asn Ser Pro Ser Met Pro Glu Asn Leu
 1 5 10

<210> 1699

<211> 11

<212> PRT

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<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1699

Met Phe Asn Ser Pro Ser Met Phe Glu Asn Leu
 1 5 10

<210> 1700

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1700

Met Phe Asn Ser Pro Ser Met Tyr Glu Asn Leu
 1 5 10

<210> 1701

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1701

Met Phe Asn Ser Pro Ser Met Trp Glu Asn Leu
 1 5 10

<210> 1702

<211> 11

peptide

<400> 1702

Met	Phe	Asn	Ser	Pro	Ser	Phe	Pro	Glu	Asn	Leu
1				5					10	

<210> 1703

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1703

Met	Phe	Asn	Ser	Pro	Ser	Phe	Phe	Glu	Asn	Leu
1				5					10	

<210> 1704

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1704

Met	Phe	Asn	Ser	Pro	Ser	Phe	Tyr	Glu	Asn	Leu
1				5					10	

<210> 1705

<211> 11

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<223> Description of Artificial Sequence: Synthetic peptide

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Met	Phe	Asn	Ser	Pro	Ser	Phe	Trp	Glu	Asn	Leu
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<210> 1706

<211> 11

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<400> 1706

Met Phe Asn Ser Pro Ser Tyr Pro Glu Asn Leu
 1 5 10

<210> 1707

<211> 11

<212> PRT

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<220>

<223> Description of Artificial Sequence: Synthetic
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<400> 1707

Met Phe Asn Ser Pro Ser Tyr Phe Glu Asn Leu
 1 5 10

<210> 1708

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
 peptide

<400> 1708

Met Phe Asn Ser Pro Ser Tyr Tyr Glu Asn Leu
 1 5 10

<210> 1709

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
 peptide

<400> 1709

Met Phe Asn Ser Pro Ser Tyr Trp Glu Asn Leu
 1 5 10

<210> 1710

<211> 11

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Met Phe Asn Ser Pro Ser Tyr Trp Glu Asn Leu

1

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<210> 1711

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
peptide

<400> 1711

Met Phe Asn Ser Pro Ser Asp Phe Glu Asn Leu

1

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10

<210> 1712

<211> 11

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<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
peptide

<400> 1712

Met Phe Asn Ser Pro Ser Asp Tyr Glu Asn Leu

1

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10

<210> 1713

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
peptide

<400> 1713

Met Phe Asn Ser Pro Ser Asp Trp Glu Asn Leu

1

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<210> 1714

<211> 11

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peptide

<210> 1715
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 peptide

<400> 1715
 Met Phe Asn Ser Pro Ser Glu Phe Glu Asn Leu
 1 5 10

<210> 1716
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 peptide

<400> 1716
 Met Phe Asn Ser Pro Ser Glu Tyr Glu Asn Leu
 1 5 10

<210> 1717
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 peptide

<400> 1717
 Met Phe Asn Ser Pro Ser Glu Trp Glu Asn Leu
 1 5 10

<210> 1718
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<220>
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 peptide

<400> 1718

<211> 11
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<220>
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 peptide

<400> 1719
 Met Phe Asn Ser Pro Ser Asn Phe Glu Asn Leu
 1 5 10

<210> 1720
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<220>
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<400> 1720
 Met Phe Asn Ser Pro Ser Asn Tyr Glu Asn Leu
 1 5 10

<210> 1721
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<220>
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 peptide

<400> 1721
 Met Phe Asn Ser Pro Ser Asn Trp Glu Asn Leu
 1 5 10

<210> 1722
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<220>
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<400> 1722
 Met Phe Asn Ser Pro Ser Gln Pro Glu Asn Leu
 1 5 10

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1723

Met Phe Asn Ser Pro Ser Gln Phe Glu Asn Leu
 1 5 10

<210> 1724

<211> 11

<212> PRT

<213> Artificial Sequence

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<223> Description of Artificial Sequence: Synthetic peptide

<400> 1724

Met Phe Asn Ser Pro Ser Gln Tyr Glu Asn Leu
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<210> 1725

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1725

Met Phe Asn Ser Pro Ser Gln Trp Glu Asn Leu
 1 5 10

<210> 1726

<211> 11

<212> PRT

<213> Artificial Sequence

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<223> Description of Artificial Sequence: Synthetic peptide

<400> 1726

Met Phe Asn Ser Pro Ser His Pro Glu Asn Leu
 1 5 10

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1727

Met Phe Asn Ser Pro Ser His Phe Glu Asn Leu
1 5 10

<210> 1728

<211> 11

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<223> Description of Artificial Sequence: Synthetic peptide

<400> 1728

Met Phe Asn Ser Pro Ser His Tyr Glu Asn Leu
1 5 10

<210> 1729

<211> 11

<212> PRT

<213> Artificial Sequence

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<223> Description of Artificial Sequence: Synthetic peptide

<400> 1729

Met Phe Asn Ser Pro Ser His Trp Glu Asn Leu
1 5 10

<210> 1730

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1730

Met Phe Gly Ser Pro Ser Met Pro Glu Asn Leu
1 5 10

<210> 1731

<211> 11

peptide

<400> 1731

Met	Phe	Gly	Ser	Pro	Ser	Met	Phe	Glu	Asn	Leu
1				5					10	

<210> 1732

<211> 11

<212> PRT

<213> Artificial Sequence

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<223> Description of Artificial Sequence: Synthetic peptide

<400> 1732

Met	Phe	Gly	Ser	Pro	Ser	Met	Tyr	Glu	Asn	Leu
1				5					10	

<210> 1733

<211> 11

<212> PRT

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<223> Description of Artificial Sequence: Synthetic peptide

<400> 1733

Met	Phe	Gly	Ser	Pro	Ser	Met	Trp	Glu	Asn	Leu
1				5					10	

<210> 1734

<211> 11

<212> PRT

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<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1734

Met	Phe	Gly	Ser	Pro	Ser	Phe	Pro	Glu	Asn	Leu
1				5					10	

<210> 1735

<211> 11

<212> PRT

<213> Artificial Sequence

<400> 1735

Met Phe Gly Ser Pro Ser Phe Phe Glu Asn Leu
 1 5 10

<210> 1736

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1736

Met Phe Gly Ser Pro Ser Phe Tyr Glu Asn Leu
 1 5 10

<210> 1737

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1737

Met Phe Gly Ser Pro Ser Phe Trp Glu Asn Leu
 1 5 10

<210> 1738

<211> 11

<212> PRT

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<223> Description of Artificial Sequence: Synthetic peptide

<400> 1738

Met Phe Gly Ser Pro Ser Tyr Pro Glu Asn Leu
 1 5 10

<210> 1739

<211> 11

<212> PRT

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<220>

Met Phe Gly Ser Pro Ser Tyr Pro Glu Asn Leu

1

5

10

<210> 1740

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1740

Met Phe Gly Ser Pro Ser Tyr Tyr Glu Asn Leu

1

5

10

<210> 1741

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1741

Met Phe Gly Ser Pro Ser Tyr Trp Glu Asn Leu

1

5

10

<210> 1742

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1742

Met Phe Gly Ser Pro Ser Asp Pro Glu Asn Leu

1

5

10

<210> 1743

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<210> 1744
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 <212> PRT
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<220>
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<400> 1744
 Met Phe Gly Ser Pro Ser Asp Tyr Glu Asn Leu
 1 5 10

<210> 1745
 <211> 11
 <212> PRT
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<220>
 <223> Description of Artificial Sequence: Synthetic peptide

<400> 1745
 Met Phe Gly Ser Pro Ser Asp Trp Glu Asn Leu
 1 5 10

<210> 1746
 <211> 11
 <212> PRT
 <213> Artificial Sequence

<220>
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<400> 1746
 Met Phe Gly Ser Pro Ser Glu Pro Glu Asn Leu
 1 5 10

<210> 1747
 <211> 11
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<220>
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<400> 1747

<211> 11
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<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1748

Met Phe Gly Ser Pro Ser Glu Tyr Glu Asn Leu
 1 5 10

<210> 1749

<211> 11
 <212> PRT
 <213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1749

Met Phe Gly Ser Pro Ser Glu Trp Glu Asn Leu
 1 5 10

<210> 1750

<211> 11
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<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1750

Met Phe Gly Ser Pro Ser Asn Pro Glu Asn Leu
 1 5 10

<210> 1751

<211> 11
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<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1751

Met Phe Gly Ser Pro Ser Asn Phe Glu Asn Leu
 1 5 10

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1752

Met Phe Gly Ser Pro Ser Asn Tyr Glu Asn Leu
 1 5 10

<210> 1753

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1753

Met Phe Gly Ser Pro Ser Asn Trp Glu Asn Leu
 1 5 10

<210> 1754

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1754

Met Phe Gly Ser Pro Ser Gln Pro Glu Asn Leu
 1 5 10

<210> 1755

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1755

Met Phe Gly Ser Pro Ser Gln Phe Glu Asn Leu
 1 5 10

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1756

Met Phe Gly Ser Pro Ser Gln Tyr Glu Asn Leu
1 5 10

<210> 1757

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1757

Met Phe Gly Ser Pro Ser Gln Trp Glu Asn Leu
1 5 10

<210> 1758

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1758

Met Phe Gly Ser Pro Ser His Pro Glu Asn Leu
1 5 10

<210> 1759

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1759

Met Phe Gly Ser Pro Ser His Phe Glu Asn Leu
1 5 10

<210> 1760

<211> 11

peptide

<400> 1760

Met	Phe	Gly	Ser	Pro	Ser	His	Tyr	Glu	Asn	Leu
1				5					10	

<210> 1761

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1761

Met	Phe	Gly	Ser	Pro	Ser	His	Trp	Glu	Asn	Leu
1				5					10	

<210> 1762

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1762

Met	Phe	Ala	Ser	Pro	Ser	Met	Pro	Glu	Asn	Leu
1				5					10	

<210> 1763

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1763

Met	Phe	Ala	Ser	Pro	Ser	Met	Phe	Glu	Asn	Leu
1				5					10	

<210> 1764

<211> 11

<212> PRT

<213> Artificial Sequence

<400> 1764

Met Phe Ala Ser Pro Ser Met Tyr Glu Asn Leu
 1 5 10

<210> 1765

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
 peptide

<400> 1765

Met Phe Ala Ser Pro Ser Met Trp Glu Asn Leu
 1 5 10

<210> 1766

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
 peptide

<400> 1766

Met Phe Ala Ser Pro Ser Phe Pro Glu Asn Leu
 1 5 10

<210> 1767

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
 peptide

<400> 1767

Met Phe Ala Ser Pro Ser Phe Phe Glu Asn Leu
 1 5 10

<210> 1768

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

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<210> 1769
 <211> 11
 <212> PRT
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<220>
 <223> Description of Artificial Sequence: Synthetic peptide

<400> 1769
 Met Phe Ala Ser Pro Ser Phe Trp Glu Asn Leu
 1 5 10

<210> 1770
 <211> 11
 <212> PRT
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<220>
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<400> 1770
 Met Phe Ala Ser Pro Ser Tyr Pro Glu Asn Leu
 1 5 10

<210> 1771
 <211> 11
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic peptide

<400> 1771
 Met Phe Ala Ser Pro Ser Tyr Phe Glu Asn Leu
 1 5 10

<210> 1772
 <211> 11
 <212> PRT
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<220>
 <223> Description of Artificial Sequence: Synthetic peptide

<210> 1773
 <211> 11
 <212> PRT
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<220>
 <223> Description of Artificial Sequence: Synthetic
 peptide

<400> 1773
 Met Phe Ala Ser Pro Ser Tyr Trp Glu Asn Leu
 1 5 10

<210> 1774
 <211> 11
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 peptide

<400> 1774
 Met Phe Ala Ser Pro Ser Asp Pro Glu Asn Leu
 1 5 10

<210> 1775
 <211> 11
 <212> PRT
 <213> Artificial Sequence

<220>
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 peptide

<400> 1775
 Met Phe Ala Ser Pro Ser Asp Phe Glu Asn Leu
 1 5 10

<210> 1776
 <211> 11
 <212> PRT
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<220>
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 peptide

<400> 1776

<211> 11
 <212> PRT
 <213> Artificial Sequence

<220>
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 peptide

<400> 1777
 Met Phe Ala Ser Pro Ser Asp Trp Glu Asn Leu
 1 5 10

<210> 1778
 <211> 11
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 peptide

<400> 1778
 Met Phe Ala Ser Pro Ser Glu Pro Glu Asn Leu
 1 5 10

<210> 1779
 <211> 11
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 peptide

<400> 1779
 Met Phe Ala Ser Pro Ser Glu Phe Glu Asn Leu
 1 5 10

<210> 1780
 <211> 11
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 peptide

<400> 1780
 Met Phe Ala Ser Pro Ser Glu Tyr Glu Asn Leu
 1 5 10

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1781

Met Phe Ala Ser Pro Ser Glu Trp Glu Asn Leu
 1 5 10

<210> 1782

<211> 11

<212> FRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1782

Met Phe Ala Ser Pro Ser Asn Pro Glu Asn Leu
 1 5 10

<210> 1783

<211> 11

<212> FRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1783

Met Phe Ala Ser Pro Ser Asn Phe Glu Asn Leu
 1 5 10

<210> 1784

<211> 11

<212> FRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1784

Met Phe Ala Ser Pro Ser Asn Tyr Glu Asn Leu
 1 5 10

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1785

Met Phe Ala Ser Pro Ser Asn Trp Glu Asn Leu
1 5 10

<210> 1786

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1786

Met Phe Ala Ser Pro Ser Gln Pro Glu Asn Leu
1 5 10

<210> 1787

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1787

Met Phe Ala Ser Pro Ser Gln Phe Glu Asn Leu
1 5 10

<210> 1788

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1788

Met Phe Ala Ser Pro Ser Gln Tyr Glu Asn Leu
1 5 10

<210> 1789

<211> 11

peptide

<400> 1789

Met	Phe	Ala	Ser	Pro	Ser	Gln	Trp	Glu	Asn	Leu
1				5					10	

<210> 1790

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1790

Met	Phe	Ala	Ser	Pro	Ser	His	Pro	Glu	Asn	Leu
1				5					10	

<210> 1791

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1791

Met	Phe	Ala	Ser	Pro	Ser	His	Phe	Glu	Asn	Leu
1				5					10	

<210> 1792

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1792

Met	Phe	Ala	Ser	Pro	Ser	His	Tyr	Glu	Asn	Leu
1				5					10	

<210> 1793

<211> 11

<212> PRT

<213> Artificial Sequence

<400> 1793

Met Phe Ala Ser Pro Ser His Trp Glu Asn Leu
 1 5 10

<210> 1794

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
 peptide

<400> 1794

Arg Tyr Ser Leu Pro Pro Glu Leu Ser Asn Met
 1 5 10

<210> 1795

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
 peptide

<400> 1795

Ala Tyr Arg Ser Pro Ser Met Pro Glu Asn Leu
 1 5 10

<210> 1796

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
 peptide

<400> 1796

Arg Tyr Arg Ser Pro Ser Met Pro Glu Asn Leu
 1 5 10

<210> 1797

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

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<210> 1798
<211> 11
<212> PRT
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<220>
<223> Description of Artificial Sequence: Synthetic peptide

<400> 1798
Asp Tyr Arg Ser Pro Ser Met Pro Glu Asn Leu
1 5 10

<210> 1799
<211> 11
<212> PRT
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<220>
<223> Description of Artificial Sequence: Synthetic peptide

<400> 1799
Cys Tyr Arg Ser Pro Ser Met Pro Glu Asn Leu
1 5 10

<210> 1800
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<400> 1800
Gln Tyr Arg Ser Pro Ser Met Pro Glu Asn Leu
1 5 10

<210> 1801
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<210> 1802
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
peptide

<400> 1802
Gly Tyr Arg Ser Pro Ser Met Pro Glu Asn Leu
1 5 10

<210> 1803
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
peptide

<400> 1803
His Tyr Arg Ser Pro Ser Met Pro Glu Asn Leu
1 5 10

<210> 1804
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
peptide

<400> 1804
Ile Tyr Arg Ser Pro Ser Met Pro Glu Asn Leu
1 5 10

<210> 1805
<211> 11
<212> PRT
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<220>
<223> Description of Artificial Sequence: Synthetic
peptide

<400> 1805

<211> 11
 <212> PRT
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<220>

<223> Description of Artificial Sequence: Synthetic
 peptide

<400> 1806

Lys Tyr Arg Ser Pro Ser Met Pro Glu Asn Leu
 1 5 10

<210> 1807

<211> 11
 <212> PRT
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<220>

<223> Description of Artificial Sequence: Synthetic
 peptide

<400> 1807

Met Tyr Arg Ser Pro Ser Met Pro Glu Asn Leu
 1 5 10

<210> 1808

<211> 11
 <212> PRT
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<220>

<223> Description of Artificial Sequence: Synthetic
 peptide

<400> 1808

Phe Tyr Arg Ser Pro Ser Met Pro Glu Asn Leu
 1 5 10

<210> 1809

<211> 11
 <212> PRT
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<220>

<223> Description of Artificial Sequence: Synthetic
 peptide

<400> 1809

Pro Tyr Arg Ser Pro Ser Met Pro Glu Asn Leu
 1 5 10

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1810

Ser Tyr Arg Ser Pro Ser Met Pro Glu Asn Leu
1 5 10

<210> 1811

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1811

Thr Tyr Arg Ser Pro Ser Met Pro Glu Asn Leu
1 5 10

<210> 1812

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1812

Trp Tyr Arg Ser Pro Ser Met Pro Glu Asn Leu
1 5 10

<210> 1813

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1813

Tyr Tyr Arg Ser Pro Ser Met Pro Glu Asn Leu
1 5 10

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1814

Val Tyr Arg Ser Pro Ser Met Pro Glu Asn Leu
1 5 10

<210> 1815

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1815

Leu Ala Arg Ser Pro Ser Met Pro Glu Asn Leu
1 5 10

<210> 1816

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1816

Leu Arg Arg Ser Pro Ser Met Pro Glu Asn Leu
1 5 10

<210> 1817

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1817

Leu Asn Arg Ser Pro Ser Met Pro Glu Asn Leu
1 5 10

<210> 1818

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<400> 1822

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<210> 1823

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<223> Description of Artificial Sequence: Synthetic
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<400> 1823

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<210> 1827

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<400> 1827

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<210> 1828

<211> 11

<212> PRT

<213> Artificial Sequence

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<210> 1829

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<210> 1830

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<210> 1832
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 1 5 10

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<210> 1834
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<400> 1838
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<213> Artificial Sequence

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<223> Description of Artificial Sequence: Synthetic peptide

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<210> 1840

<211> 11

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Leu Tyr Gln Ser Pro Ser Met Pro Glu Asn Leu
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<210> 1841

<211> 11

<212> PRT

<213> Artificial Sequence

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<211> 11

<212> PRT

<213> Artificial Sequence

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<223> Description of Artificial Sequence: Synthetic peptide

<400> 1842

Leu Tyr Gly Ser Pro Ser Met Pro Glu Asn Leu
1 5 10

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<223> Description of Artificial Sequence: Synthetic peptide

<400> 1843

Leu Tyr His Ser Pro Ser Met Pro Glu Asn Leu
1 5 10

<210> 1844

<211> 11

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<223> Description of Artificial Sequence: Synthetic peptide

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<210> 1845

<211> 11

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<223> Description of Artificial Sequence: Synthetic peptide

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<210> 1846

<211> 11

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<223> Description of Artificial Sequence: Synthetic peptide

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<210> 1847

<211> 11

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<400> 1847

Leu Tyr Met Ser Pro Ser Met Pro Glu Asn Leu
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<210> 1848

<211> 11

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<223> Description of Artificial Sequence: Synthetic peptide

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<210> 1851

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Leu Tyr Thr Ser Pro Ser Met Pro Glu Asn Leu
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<210> 1852

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<223> Description of Artificial Sequence: Synthetic
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<223> Description of Artificial Sequence: Synthetic
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Leu Tyr Tyr Ser Pro Ser Met Pro Glu Asn Leu
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Leu Tyr Val Ser Pro Ser Met Pro Glu Asn Leu
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peptide

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Leu Tyr Arg Ser Pro Ser Asp Pro Glu Asn Leu

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<210> 1860
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 peptide

<400> 1860
 Leu Tyr Arg Ser Pro Ser Gln Pro Glu Asn Leu
 1 5 10

<210> 1861
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<400> 1861
 Leu Tyr Arg Ser Pro Ser Glu Pro Glu Asn Leu
 1 5 10

<210> 1862
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<400> 1862
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<210> 1863
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<400> 1863

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<400> 1864

Leu Tyr Arg Ser Pro Ser Ile Pro Glu Asn Leu
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<210> 1865

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<400> 1865

Leu Tyr Arg Ser Pro Ser Leu Pro Glu Asn Leu
 1 5 10

<210> 1866

<211> 11
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<223> Description of Artificial Sequence: Synthetic peptide

<400> 1866

Leu Tyr Arg Ser Pro Ser Lys Pro Glu Asn Leu
 1 5 10

<210> 1867

<211> 11
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<223> Description of Artificial Sequence: Synthetic peptide

<400> 1867

Leu Tyr Arg Ser Pro Ser Met Pro Glu Asn Leu
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<213> Artificial Sequence

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<223> Description of Artificial Sequence: Synthetic peptide

<400> 1868

Leu Tyr Arg Ser Pro Ser Phe Pro Glu Asn Leu
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<210> 1869

<211> 11

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Leu Tyr Arg Ser Pro Ser Pro Pro Glu Asn Leu
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<210> 1870

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Leu Tyr Arg Ser Pro Ser Ser Pro Glu Asn Leu
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<211> 11

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<400> 1871

Leu Tyr Arg Ser Pro Ser Thr Pro Glu Asn Leu
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<223> Description of Artificial Sequence: Synthetic peptide

<400> 1872

Leu Tyr Arg Ser Pro Ser Trp Pro Glu Asn Leu
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<210> 1873

<211> 11

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<223> Description of Artificial Sequence: Synthetic peptide

<400> 1873

Leu Tyr Arg Ser Pro Ser Tyr Pro Glu Asn Leu
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<210> 1874

<211> 11

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<223> Description of Artificial Sequence: Synthetic peptide

<400> 1874

Leu Tyr Arg Ser Pro Ser Val Pro Glu Asn Leu
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<210> 1875

<211> 11

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<400> 1875

Leu Tyr Arg Ser Pro Ser Met Ala Glu Asn Leu
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<210> 1876

<211> 11

peptide

<400> 1876

Leu	Tyr	Arg	Ser	Pro	Ser	Met	Arg	Glu	Asn	Leu
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<210> 1877

<211> 11

<212> PRT

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<223> Description of Artificial Sequence: Synthetic peptide

<400> 1877

Leu	Tyr	Arg	Ser	Pro	Ser	Met	Asn	Glu	Asn	Leu
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<210> 1878

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<212> PRT

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<223> Description of Artificial Sequence: Synthetic peptide

<400> 1878

Leu	Tyr	Arg	Ser	Pro	Ser	Met	Asp	Glu	Asn	Leu
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<210> 1879

<211> 11

<212> PRT

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<223> Description of Artificial Sequence: Synthetic peptide

<400> 1879

Leu	Tyr	Arg	Ser	Pro	Ser	Met	Cys	Glu	Asn	Leu
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<210> 1880

<211> 11

<212> PRT

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<400> 1880

Leu Tyr Arg Ser Pro Ser Met Gln Glu Asn Leu
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<210> 1881

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<223> Description of Artificial Sequence: Synthetic
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<400> 1881

Leu Tyr Arg Ser Pro Ser Met Glu Glu Asn Leu
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<210> 1882

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<223> Description of Artificial Sequence: Synthetic
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<400> 1882

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<210> 1883

<211> 11

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<223> Description of Artificial Sequence: Synthetic
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Leu Tyr Arg Ser Pro Ser Met His Glu Asn Leu
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<210> 1884

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<223> Description of Artificial Sequence: Synthetic

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<223> Description of Artificial Sequence: Synthetic peptide

<400> 1885

Leu Tyr Arg Ser Pro Ser Met Leu Glu Asn Leu

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<210> 1886

<211> 11

<212> PRT

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<223> Description of Artificial Sequence: Synthetic peptide

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Leu Tyr Arg Ser Pro Ser Met Lys Glu Asn Leu

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<210> 1887

<211> 11

<212> PRT

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<223> Description of Artificial Sequence: Synthetic peptide

<400> 1887

Leu Tyr Arg Ser Pro Ser Met Met Glu Asn Leu

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<210> 1888

<211> 11

<212> PRT

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<210> 1889
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<400> 1889
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<400> 1890
Leu Tyr Arg Ser Pro Ser Met Ser Glu Asn Leu
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<400> 1892

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 <213> Artificial Sequence

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<400> 1893
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 Leu Tyr Arg Ser Pro Ser Met Val Glu Asn Leu
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<210> 1896
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<400> 1896
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<213> Artificial Sequence

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<223> Description of Artificial Sequence: Synthetic peptide

<400> 1897

Leu Tyr Arg Ser Pro Ala Met Pro Glu Asn Leu
1 5 10

<210> 1898

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<223> Description of Artificial Sequence: Synthetic peptide

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Trp Tyr Arg Ser Pro Ser Tyr Tyr
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<211> 11

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<400> 1899

Tyr Gly Arg Lys Lys Arg Arg Gln Arg Arg Arg
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<210> 1900

<211> 2055

<212> DNA

<213> Homo sapiens

<400> 1900

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tgtttttctc ctggtgagaa ttogaagacc atgtctaagg aactcttctc atccacaaga 240
gaggaaggaa gctctggctc aggaccagat tttaggctca atcaaaggaa aatgttaaac 300
ctgctcctgg agagagacac ttcctttacc gtctgtccag atgtccctag aactccagtg 360
ggcaaatttc ttggtgatto tgcaaaccta agcattttgt ctggaggaa cccaaaatgt 420
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<210> 1901

<211> 472

<212> PRT

<213> Homo sapiens

<400> 1901

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Ser Gly Pro Ser Phe Arg Ser Asn Gln Arg Lys Met Leu Asn Leu Leu
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Leu Glu Arg Asp Thr Ser Phe Thr Val Cys Pro Asp Val Pro Arg Thr
          35                      40                      45

Pro Val Gly Lys Phe Leu Gly Asp Ser Ala Asn Leu Ser Ile Leu Ser
          50                      55                      60

Gly Gly Thr Pro Lys Cys Cys Leu Asp Leu Ser Asn Leu Ser Ser Gly
          65                      70                      75                      80

Glu Ile Thr Ala Thr Gln Leu Thr Thr Ser Ala Asp Leu Asp Glu Thr
          85                      90                      95

Gly His Leu Asp Ser Ser Leu Gln Glu Val His Leu Ala Gly Met Asn
          100                      105                      110

His Asp Gln His Leu Met Lys Cys Ser Pro Ala Gln Leu Leu Cys Ser
          115                      120                      125

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145		150		155		160
Glu Met Lys Tyr Leu Gly Ser Pro Ile Thr Thr Val Pro Lys Leu Asp						
	165			170		175
Lys Asn Pro Asn Leu Gly Glu Asp Gln Ala Glu Glu Ile Ser Asp Glu						
	180		185			190
Leu Met Glu Phe Ser Leu Lys Asp Gln Glu Ala Lys Val Ser Arg Ser						
	195		200			205
Gly Leu Tyr Arg Ser Pro Ser Met Pro Glu Asn Leu Asn Arg Pro Arg						
	210		215			220
Leu Lys Gln Val Glu Lys Phe Lys Asp Asn Thr Ile Pro Asp Lys Val						
	225		230		235	240
Lys Lys Lys Tyr Phe Ser Gly Gln Gly Lys Leu Arg Lys Gly Leu Cys						
	245			250		255
Leu Lys Lys Thr Val Ser Leu Cys Asp Ile Thr Ile Thr Gln Met Leu						
	260		265			270
Glu Glu Asp Ser Asn Gln Gly His Leu Ile Gly Asp Phe Ser Lys Val						
	275		280			285
Cys Ala Leu Pro Thr Val Ser Gly Lys His Gln Asp Leu Lys Tyr Val						
	290		295			300
Asn Pro Glu Thr Val Ala Ala Leu Leu Ser Gly Lys Phe Gln Gly Leu						
	305		310		315	320
Ile Glu Lys Phe Tyr Val Ile Asp Cys Arg Tyr Pro Tyr Glu Tyr Leu						
	325			330		335
Gly Gly His Ile Gln Gly Ala Leu Asn Leu Tyr Ser Gln Glu Glu Leu						
	340		345			350
Phe Asn Phe Phe Leu Lys Lys Pro Ile Val Pro Leu Asp Thr Gln Lys						
	355		360			365
Arg Ile Ile Ile Val Phe His Cys Glu Phe Ser Ser Glu Arg Gly Pro						
	370		375			380
Arg Met Cys Arg Cys Leu Arg Glu Glu Asp Arg Ser Leu Asn Gln Tyr						
	385		390		395	400
Pro Ala Leu Tyr Tyr Pro Glu Leu Tyr Ile Leu Lys Gly Gly Tyr Arg						
	405			410		415
Asp Phe Phe Pro Glu Tyr Met Glu Leu Cys Glu Pro Gln Ser Tyr Cys						
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Leu Leu Val Lys Asp Met Ser Pro
465 470

<210> 1902
<211> 476
<212> PRT
<213> Homo sapiens

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20 25 30
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35 40 45
Pro Glu Asn Ile Lys Lys Glu Ile Cys Ile Asn Lys Met Leu Asn His
50 55 60
Glu Asn Val Val Lys Phe Tyr Gly His Arg Arg Glu Gly Asn Ile Gln
65 70 75 80
Tyr Leu Phe Leu Glu Tyr Cys Ser Gly Gly Glu Leu Phe Asp Arg Ile
85 90 95
Glu Pro Asp Ile Gly Met Pro Glu Pro Asp Ala Gln Arg Phe Phe His
100 105 110
Gln Leu Met Ala Gly Val Val Tyr Leu His Gly Ile Gly Ile Thr His
115 120 125
Arg Asp Ile Lys Pro Glu Asn Leu Leu Leu Asp Glu Arg Asp Asn Leu
130 135 140
Lys Ile Ser Asp Phe Gly Leu Ala Thr Val Phe Arg Tyr Asn Asn Arg
145 150 155 160
Glu Arg Leu Leu Asn Lys Met Cys Gly Thr Leu Pro Tyr Val Ala Pro
165 170 175
Glu Leu Leu Lys Arg Arg Glu Phe His Ala Glu Pro Val Asp Val Trp
180 185 190
Ser Cys Gly Ile Val Leu Thr Ala Met Leu Ala Gly Glu Leu Pro Trp
195 200 205
Asp Gln Pro Ser Asp Ser Cys Gln Glu Tyr Ser Asp Trp Lys Glu Lys
210 215 220

Pro Asp Ile Lys Lys Asp Arg Trp Tyr Asn Lys Pro Leu Lys Lys Gly
 260 265 270
 Ala Lys Arg Pro Arg Val Thr Ser Gly Gly Val Ser Glu Ser Pro Ser
 275 280 285
 Gly Phe Ser Lys His Ile Gln Ser Asn Leu Asp Phe Ser Pro Val Asn
 290 295 300
 Ser Ala Ser Ser Glu Glu Asn Val Lys Tyr Ser Ser Ser Gln Pro Glu
 305 310 315 320
 Pro Arg Thr Gly Leu Ser Leu Trp Asp Thr Ser Pro Ser Tyr Ile Asp
 325 330 335
 Lys Leu Val Gln Gly Ile Ser Phe Ser Gln Pro Thr Cys Pro Asp His
 340 345 350
 Met Leu Leu Asn Ser Gln Leu Leu Gly Thr Pro Gly Ser Ser Gln Asn
 355 360 365
 Pro Trp Gln Arg Leu Val Lys Arg Met Thr Arg Phe Phe Thr Lys Leu
 370 375 380
 Asp Ala Asp Lys Ser Tyr Gln Cys Leu Lys Glu Thr Cys Glu Lys Leu
 385 390 395 400
 Gly Tyr Gln Trp Lys Lys Ser Cys Met Asn Gln Val Thr Ile Ser Thr
 405 410 415
 Thr Asp Arg Arg Asn Asn Lys Leu Ile Phe Lys Val Asn Leu Leu Glu
 420 425 430
 Met Asp Asp Lys Ile Leu Val Asp Phe Arg Leu Ser Lys Gly Asp Gly
 435 440 445
 Leu Glu Phe Lys Arg His Phe Leu Lys Ile Lys Gly Lys Leu Ile Asp
 450 455 460
 Ile Val Ser Ser Gln Lys Val Trp Leu Pro Ala Thr
 465 470 475

<210> 1903

<211> 542

<212> PRT

<213> Homo sapiens

<400> 1903

Met Ser Arg Glu Ser Asp Val Glu Ala Gln Gln Ser His Gly Ser Ser
 1 5 10 15

Ser Gln Ser Ser His Ser Ser Ser Gly Thr Leu Ser Ser Leu Glu Thr
 50 55 60
 Val Ser Thr Gln Glu Leu Tyr Ser Ile Pro Glu Asp Gln Glu Pro Glu
 65 70 75 80
 Asp Gln Glu Pro Glu Glu Pro Thr Pro Ala Pro Trp Ala Arg Leu Trp
 85 90 95
 Ala Leu Gln Asp Gly Phe Ala Asn Leu Glu Cys Val Asn Asp Asn Tyr
 100 105 110
 Trp Phe Gly Arg Asp Lys Ser Cys Glu Tyr Cys Phe Asp Glu Pro Leu
 115 120 125
 Leu Lys Arg Thr Asp Lys Tyr Arg Thr Tyr Ser Lys Lys His Phe Arg
 130 135 140
 Ile Phe Arg Glu Val Gly Pro Lys Asn Ser Tyr Ile Ala Tyr Ile Glu
 145 150 155 160
 Asp His Ser Gly Asn Gly Thr Phe Val Asn Thr Glu Leu Val Gly Lys
 165 170 175
 Gly Lys Arg Arg Pro Leu Asn Asn Asn Ser Glu Ile Ala Leu Ser Leu
 180 185 190
 Ser Arg Asn Lys Val Phe Val Phe Phe Asp Leu Thr Val Asp Asp Gln
 195 200 205
 Ser Val Tyr Pro Lys Ala Leu Arg Asp Glu Tyr Ile Met Ser Lys Thr
 210 215 220
 Leu Gly Ser Gly Ala Cys Gly Glu Val Lys Leu Ala Phe Glu Arg Lys
 225 230 235 240
 Thr Cys Lys Lys Val Ala Ile Lys Ile Ile Ser Lys Arg Lys Phe Ala
 245 250 255
 Ile Gly Ser Ala Arg Glu Ala Asp Pro Ala Leu Asn Val Glu Thr Glu
 260 265 270
 Ile Glu Ile Leu Lys Lys Leu Asn His Pro Cys Ile Ile Lys Ile Lys
 275 280 285
 Asn Phe Phe Asp Ala Glu Asp Tyr Tyr Ile Val Leu Glu Leu Met Glu
 290 295 300
 Gly Gly Glu Leu Phe Asp Lys Val Val Gly Asn Lys Arg Leu Lys Glu
 305 310 315 320
 Ala Thr Cys Lys Leu Tyr Phe Tyr Gln Met Leu Leu Ala Val Gln Tyr

Leu Leu Ser Ser Gln Glu Glu Asp Cys Leu Ile Lys Ile Thr Asp Phe
 355 360 365

Gly His Ser Lys Ile Leu Gly Glu Thr Ser Leu Met Arg Thr Leu Cys
 370 375 380

Gly Thr Pro Thr Tyr Leu Ala Pro Glu Val Leu Val Ser Val Gly Thr
 385 390 395 400

Ala Gly Tyr Asn Arg Ala Val Asp Cys Trp Ser Leu Gly Val Ile Leu
 405 410 415

Phe Ile Cys Leu Ser Gly Tyr Pro Pro Phe Ser Glu His Arg Thr Gln
 420 425 430

Val Ser Leu Lys Asp Gln Ile Thr Ser Gly Lys Tyr Asn Phe Ile Pro
 435 440 445

Glu Val Trp Ala Glu Val Ser Glu Lys Ala Leu Asp Leu Val Lys Lys
 450 455 460

Leu Leu Val Val Asp Pro Lys Ala Arg Phe Thr Thr Glu Glu Ala Leu
 465 470 475 480

Arg His Pro Trp Leu Gln Asp Glu Asp Met Lys Arg Lys Phe Gln Asp
 485 490 495

Leu Leu Ser Glu Glu Asn Glu Ser Thr Ala Leu Pro Gln Val Leu Ala
 500 505 510

Gln Pro Ser Thr Ser Arg Lys Arg Pro Arg Glu Gly Glu Ala Glu Gly
 515 520 525

Ala Glu Thr Thr Lys Arg Pro Ala Val Cys Ala Ala Val Leu
 530 535 540

<210> 1904

<211> 12

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1904

Leu Tyr Arg Ser Pro Ala Ser Met Pro Glu Asn Leu
 1 5 10

<210> 1905

<211> 9

peptide

<400> 1905

Gly Gly Arg Ser Pro Ala Met Pro Glu

1

5

<210> 1906

<211> 12

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
peptide

<400> 1906

Leu Tyr Arg Ser Pro Ser Ala Met Pro Glu Asn Leu

1

5

10

<210> 1907

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
peptide

<220>

<221> MOD_RES

<222> (8)

<223> Pro, Phe, Tyr or Trp

<400> 1907

Leu Tyr Arg Ser Pro Ser His Xaa Glu Asn Leu

1

5

10

<210> 1908

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
peptide

<220>

<221> MOD_RES

<222> (8)

<223> Pro, Phe, Tyr or Trp

<210> 1909
 <211> 11
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic peptide

<220>
 <221> MOD_RES
 <222> (8)
 <223> Pro, Phe, Tyr or Trp

<400> 1909
 Leu Tyr Thr Ser Pro Ser Tyr Xaa Glu Asn Leu
 1 5 10

<210> 1910
 <211> 11
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic peptide

<220>
 <221> MOD_RES
 <222> (8)
 <223> Pro, Phe, Tyr or Trp

<400> 1910
 Leu Tyr Thr Ser Pro Ser His Xaa Glu Asn Leu
 1 5 10

<210> 1911
 <211> 11
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic peptide

<220>
 <221> MOD_RES
 <222> (8)
 <223> Pro, Phe, Tyr or Trp

<210> 1912
 <211> 11
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 peptide

<220>
 <221> MOD_RES
 <222> (8)
 <223> Pro, Phe, Tyr or Trp

<400> 1912
 Trp Tyr Arg Ser Pro Ser Phe Xaa Glu Asn Leu
 1 5 10

<210> 1913
 <211> 11
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 peptide

<220>
 <221> MOD_RES
 <222> (8)
 <223> Pro, Phe, Tyr or Trp

<400> 1913
 Trp Tyr Thr Ser Pro Ser His Xaa Glu Asn Leu
 1 5 10

<210> 1914
 <211> 11
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 peptide

<220>
 <221> MOD_RES
 <222> (8)
 <223> Pro, Phe, Tyr or Trp

<400> 1914

<211> 11
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 peptide

<220>
 <221> MOD_RES
 <222> (8)
 <223> Pro, Phe, Tyr or Trp

<400> 1915
 Phe Tyr Ser Ser Pro Ser His Xaa Glu Asn Leu
 1 5 10

<210> 1916
 <211> 11
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 peptide

<220>
 <221> MOD_RES
 <222> (8)
 <223> Pro, Phe, Tyr or Trp

<400> 1916
 Phe Tyr Thr Ser Pro Ser Met Xaa Glu Asn Leu
 1 5 10

<210> 1917
 <211> 11
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 peptide

<220>
 <221> MOD_RES
 <222> (8)
 <223> Pro, Phe, Tyr or Trp

<400> 1917
 Phe Tyr Thr Ser Pro Ser Phe Xaa Glu Asn Leu

<212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 peptide

<220>
 <221> MOD_RES
 <222> (8)
 <223> Pro, Phe, Tyr or Trp

<400> 1918
 Phe Tyr Thr Ser Pro Ser Tyr Xaa Glu Asn Leu
 1 5 10

<210> 1919
 <211> 11
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 peptide

<220>
 <221> MOD_RES
 <222> (8)
 <223> Pro, Phe, Tyr or Trp

<400> 1919
 Trp Tyr Thr Ser Pro Ser Met Xaa Glu Asn Leu
 1 5 10

<210> 1920
 <211> 11
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 peptide

<220>
 <221> MOD_RES
 <222> (8)
 <223> Pro, Phe, Tyr or Trp

<400> 1920
 Trp Tyr Thr Ser Pro Ser Phe Xaa Glu Asn Leu
 1 5 10

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<220>

<221> MOD_RES

<222> (8)

<223> Pro, Phe, Tyr or Trp

<400> 1921

Trp Tyr Thr Ser Pro Ser Tyr Xaa Glu Asn Leu
1 5 10

<210> 1922

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1922

Leu Ala Arg Ser Ala Ser Met Pro Glu Ala Leu
1 5 10

<210> 1923

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1923

Arg Tyr Ser Leu Pro Pro Glu Leu Ser Asn Met
1 5 10

<210> 1924

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<210> 1925
 <211> 11
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic peptide

<400> 1925
 Leu Tyr Arg Ser Pro Ser Met Pro Glu Asn Leu
 1 5 10

<210> 1926
 <211> 11
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic peptide

<220>
 <221> MOD_RES
 <222> (1)
 <223> Any amino acid

<220>
 <221> MOD_RES
 <222> (11)
 <223> Any amino acid

<400> 1926
 Xaa Tyr Gly Gly Pro Gly Gly Gly Gly Asn Xaa
 1 5 10

<210> 1927
 <211> 11
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic peptide

<220>
 <221> MOD_RES
 <222> (1)
 <223> Any amino acid

<220>

Xaa Tyr Gly Gly Gly Gly Gly Gly Gly Asn Xaa
 1 5 10

<210> 1928
 <211> 11
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic peptide

<220>
 <221> MOD_RES
 <222> (1)
 <223> Any amino acid

<220>
 <221> MOD_RES
 <222> (9)
 <223> Any amino acid

<220>
 <221> MOD_RES
 <222> (11)
 <223> Any amino acid

<400> 1928
 Xaa Tyr Gly Gly Gly Gly Gly Gly Xaa Asn Xaa
 1 5 10

<210> 1929
 <211> 11
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic peptide

<220>
 <221> MOD_RES
 <222> (1)
 <223> Any amino acid

<220>
 <221> MOD_RES
 <222> (8)
 <223> Any amino acid

<220>

<221> MOD_RES
 <222> (11)
 <223> Any amino acid

<400> 1929
 Xaa Tyr Gly Gly Gly Gly Xaa Xaa Asn Xaa
 1 5 10

<210> 1930
 <211> 9
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 peptide

<220>
 <221> MOD_RES
 <222> (2)..(3)
 <223> Gly, Leu, Ser or Arg

<220>
 <221> MOD_RES
 <222> (6)..(8)
 <223> Gly, Leu, Ser, Met, Pro or Glu

<400> 1930
 Tyr Xaa Xaa Pro Ser Xaa Xaa Xaa Asn
 1 5

<210> 1931
 <211> 6
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 peptide

<400> 1931
 Gly Gly Ser Pro Ser Met
 1 5

<210> 1932
 <211> 22
 <212> PRT
 <213> Artificial Sequence

<220>

<211> 20
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 peptide

<400> 1936
 Tyr Gly Arg Lys Lys Arg Arg Gln Arg Arg Arg Tyr Gly Gly Pro Gly
 1 5 10 15

Gly Gly Gly Asn
 20

<210> 1937
 <211> 22
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 peptide

<400> 1937
 Tyr Gly Arg Lys Lys Arg Arg Gln Arg Arg Arg Tyr Leu Ser Arg Ser
 1 5 10 15

Pro Pro Met Asn Glu Leu
 20

<210> 1938
 <211> 22
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 peptide

<400> 1938
 Tyr Gly Arg Lys Lys Arg Arg Gln Arg Arg Arg Arg Tyr Ser Leu Pro
 1 5 10 15

Pro Glu Leu Ser Asn Met
 20

<210> 1939
 <211> 18
 <212> PRT

<400> 1939

Tyr Gly Arg Lys Lys Arg Arg Gln Arg Arg Arg Gly Gly Ser Pro Ala
 1 5 10 15

Met Pro

<210> 1940

<211> 19

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
 peptide

<400> 1940

Tyr Gly Arg Lys Lys Arg Arg Gln Arg Arg Arg Gly Gly Arg Ser Pro
 1 5 10 15

Ser Met Pro

<210> 1941

<211> 18

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
 peptide

<400> 1941

Tyr Gly Arg Lys Lys Arg Arg Gln Arg Arg Arg Gly Gly Ser Pro Ser
 1 5 10 15

Met Pro

<210> 1942

<211> 17

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
 peptide

<400> 1942

<210> 1943
 <211> 17
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 peptide

<400> 1943
 Tyr Gly Arg Lys Lys Arg Arg Gln Arg Arg Arg Gly Gly Ser Pro Ser
 1 5 10 15

Met

<210> 1944
 <211> 20
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 peptide

<400> 1944
 Tyr Gly Arg Lys Lys Arg Arg Gln Arg Arg Arg Tyr Gly Gly Gly Gly
 1 5 10 15

Gly Gly Gly Asn
 20

<210> 1945
 <211> 19
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 peptide

<400> 1945
 Tyr Gly Arg Lys Lys Arg Arg Gln Arg Arg Arg Tyr Gly Gly Gly Gly
 1 5 10 15

Gly Gly Asn

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1946

Tyr Gly Arg Lys Lys Arg Arg Gln Arg Arg Arg Tyr Gly Gly Gly Gly
 1 5 10 15

Gly Asn

<210> 1947

<211> 20

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1947

Tyr Gly Arg Lys Lys Arg Arg Gln Arg Arg Arg Tyr Pro Tyr Asp Val
 1 5 10 15

Pro Asp Tyr Ala
 20

<210> 1948

<211> 22

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1948

Tyr Gly Arg Lys Lys Arg Arg Gln Arg Arg Arg Gly Gly Asp Tyr Lys
 1 5 10 15

Asp Asp Asp Asp Lys Gly
 20